S 0530-1-U(A)

# Arizona Traffic Accident Summary

1986

*Arizona Department of Transportation*

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION

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The 1986 ARIZONA TRAFFIC ACCIDENT SUMMARY is an annual report published by the Traffic Engineering Section of the Arizona Department of Transportation.

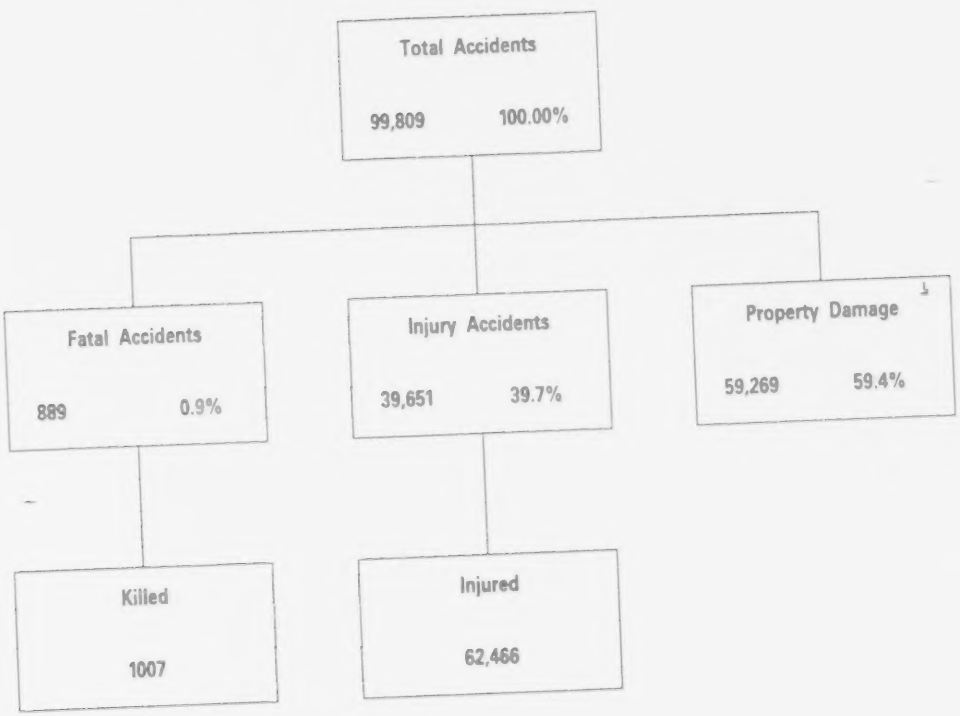
This publication is a statistical review of motor vehicle traffic accidents in the State of Arizona for the Calendar year 1986. The figures are compiled from the traffic accident reports that are submitted to the Arizona Department of Transportation by State, County, City, Reservation and other police agencies.

Specific questions regarding data presented in the report should be addressed to:

Arizona Department of Transportation
Traffic Records Unit
1739 West Jackson St. Mail Drop 105T
Phoenix, AZ 85007-3276

Phone: (602) 255-7724

# Highlights and Historical Trends



| | 1985 | 1986 | Percent Change |
|---|---|---|---|
| Reported Accidents | 92,921 | 99,809 | +7.4 |
| Total Killed | 893 | 1,007 | +12.8 |
| Total Injured | 59,650 | 62,466 | +4.7 |
| Pedestrians Killed | 153 | 170 | +11.1 |
| Pedestrians Injured | 1,416 | 1,486 | +5.0 |
| Motorcyclists Killed | 116 | 104 | -10.4 |
| Motorcyclists Injured | 4,117 | 3,919 | -4.8 |
| Bicyclists Killed | 18 | 22 | +22.2 |
| Bicyclists Injured | 1,618 | 1,912 | 18.2 |
| Millions of Vehicle Miles Traveled | 29,050 | 31,143 | +7.2 |
| Deaths Per 100 Million Vehicle Miles Traveled | 3.07 | 3.23 | +5.2 |
| Injuries Per 100 Million Vehicle Miles Traveled | 205.3 | 200.6 | -2.3 |

In 1986 -

2.8 persons were killed every day (one every 8.6 hours)

171.1 persons were injured every day (one every 8.4 minutes)

One valid licensed driver out of every 11.9 was involved in an accident

One out of every 12.7 registered vehicles was involved in an accident

61% of drivers in all accidents were male

73% of drivers in fatal accidents were male

11% of all accidents involved alcohol

38.4% of fatal accidents involved alcohol

68% of all accidents happened during daylight hours

51% of fatal accidents happened during darkness

Most dangerous day: Friday with 18% of all accidents

80% of all accidents happened in urban areas of the state

43% of fatal accidents happened in urban areas of the state

| COUNTIES | Persons Killed | | Persons Injured | | Minor Injury/ Property Damage Only | | Total Economic Loss |
|---|---|---|---|---|---|---|---|
| | No. | $ Loss | No. | $ Loss | No. | $ Loss | |
| Apache | 49 | 11,760,000 | 268 | 2,894,400 | 954 | 1,526,400 | 16,180,800 |
| Cochise | 26 | 6,240,000 | 554 | 5,983,200 | 1,255 | 2,008,000 | 14,231,200 |
| Coconino | 61 | 14,640,000 | 998 | 10,778,400 | 2,463 | 3,940,800 | 29,359,200 |
| Gila | 37 | 8,880,000 | 341 | 3,682,800 | 686 | 1,097,600 | 13,660,400 |
| Graham | 8 | 1,920,000 | 82 | 885,600 | 138 | 220,800 | 3,026,400 |
| Greenlee | 3 | 720,000 | 21 | 226,800 | 91 | 145,600 | 1,092,400 |
| La Paz | 25 | 6,000,000 | 224 | 2,419,200 | 224 | 358,400 | 8,777,600 |
| Maricopa | 404 | 96,960,000 | 20,622 | 222,717,600 | 49,213 | 78,740,800 | 398,418,400 |
| Mohave | 68 | 16,320,000 | 789 | 8,521,200 | 1,275 | 2,040,000 | 26,881,200 |
| Navajo | 43 | 10,320,000 | 387 | 4,179,600 | 852 | 1,363,200 | 15,862,800 |
| Pima | 149 | 35,760,000 | 5,648 | 60,998,400 | 14,107 | 22,571,210 | 119,329,600 |
| Pinal | 66 | 15,840,000 | 868 | 9,374,400 | 1,640 | 2,624,000 | 27,838,400 |
| Santa Cruz | 6 | 1,440,000 | 129 | 1,393,200 | 190 | 304,000 | 3,137,200 |
| Yavapai | 35 | 8,400,000 | 972 | 10,497,600 | 1,334 | 2,134,400 | 21,032,000 |
| Yuma | 27 | 6,480,000 | 876 | 9,460,800 | 1,621 | 2,593,600 | 18,534,400 |
| TOTAL | 1,007 | $241,680,000 | 32,779 | $354,013,200 | 76,043 | $121,668,800 | $717,362,000 |

The economic Loss From Traffic Accidents in Arizona is based on cost estimates developed by the National Safety Council.

1. Fatality $ 240,000 ( 1,007)
2. Injury, other than minor $ 10,800 (32,779)
3. Minor Injury/Property Damage Only $ 1,600 (76,043)

Items 1 and 2 are per injury and include property damage.
Item 3 is per accident.

Annual economic loss to every man, woman and child in Arizona was $ 218

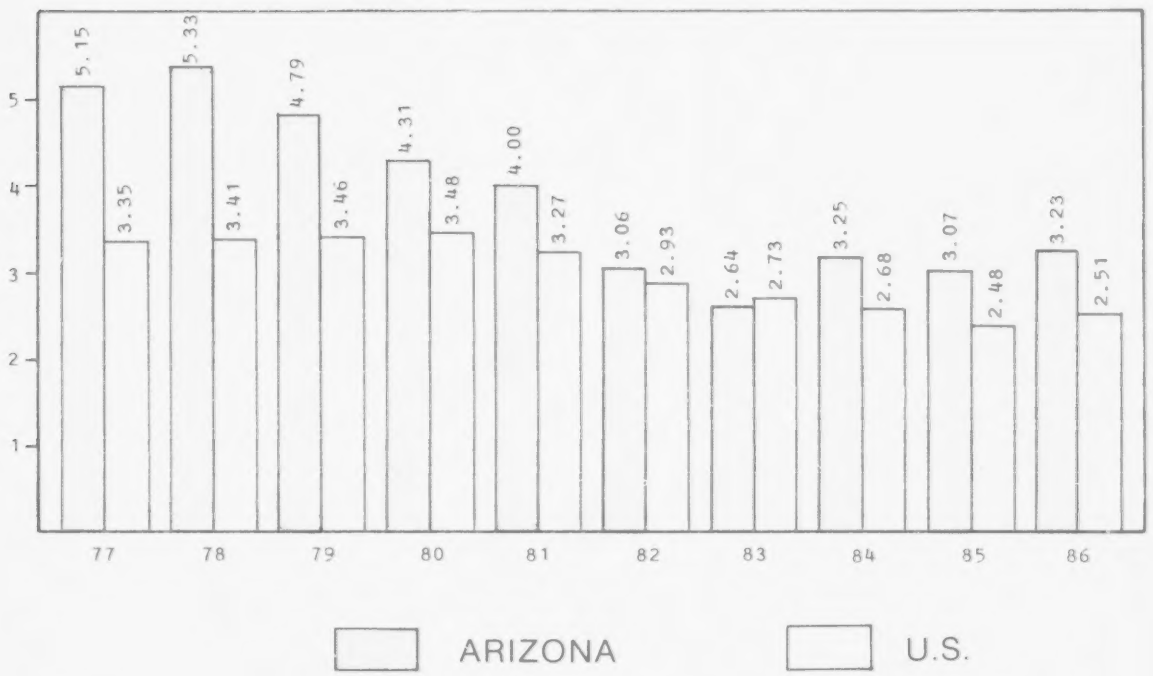
| AGE | PERSONS KILLED | | | PERSONS INJURED | | | |
|---|---|---|---|---|---|---|---|
| | TOTAL | MALE | FEMALE | TOTAL | MALE | FEMALE | SEX NOT STATED |
| 0-4 | 28 | 15 | 13 | 1,517 | 770 | 745 | 2 |
| 5-9 | 24 | 14 | 10 | 1,913 | 999 | 910 | 4 |
| 10-14 | 16 | 14 | 2 | 2,122 | 1,130 | 991 | 1 |
| 15-19 | 137 | 91 | 46 | 9,910 | 5,333 | 4,569 | 8 |
| 20-24 | 162 | 124 | 38 | 11,447 | 6,579 | 4,852 | 16 |
| 25-34 | 228 | 172 | 56 | 14,429 | 8,072 | 6,347 | 10 |
| 35-44 | 116 | 83 | 33 | 8,023 | 4,060 | 3,959 | 4 |
| 45-54 | 82 | 63 | 19 | 4,318 | 2,093 | 2,221 | 4 |
| 55-64 | 59 | 33 | 26 | 3,523 | 1,622 | 1,900 | 1 |
| 65-74 | 74 | 36 | 38 | 2,667 | 1,165 | 1,500 | 2 |
| 75 & Over | 60 | 31 | 29 | 1,422 | 641 | 777 | 4 |
| Age Not Stated | 21 | 19 | 2 | 1,175 | 751 | 397 | 27 |
| TOTALS | 1,007 | 695 | 312 | 62,466 | 33,215 | 29,168 | 83 |

# Arizona Highway Accident Statistics

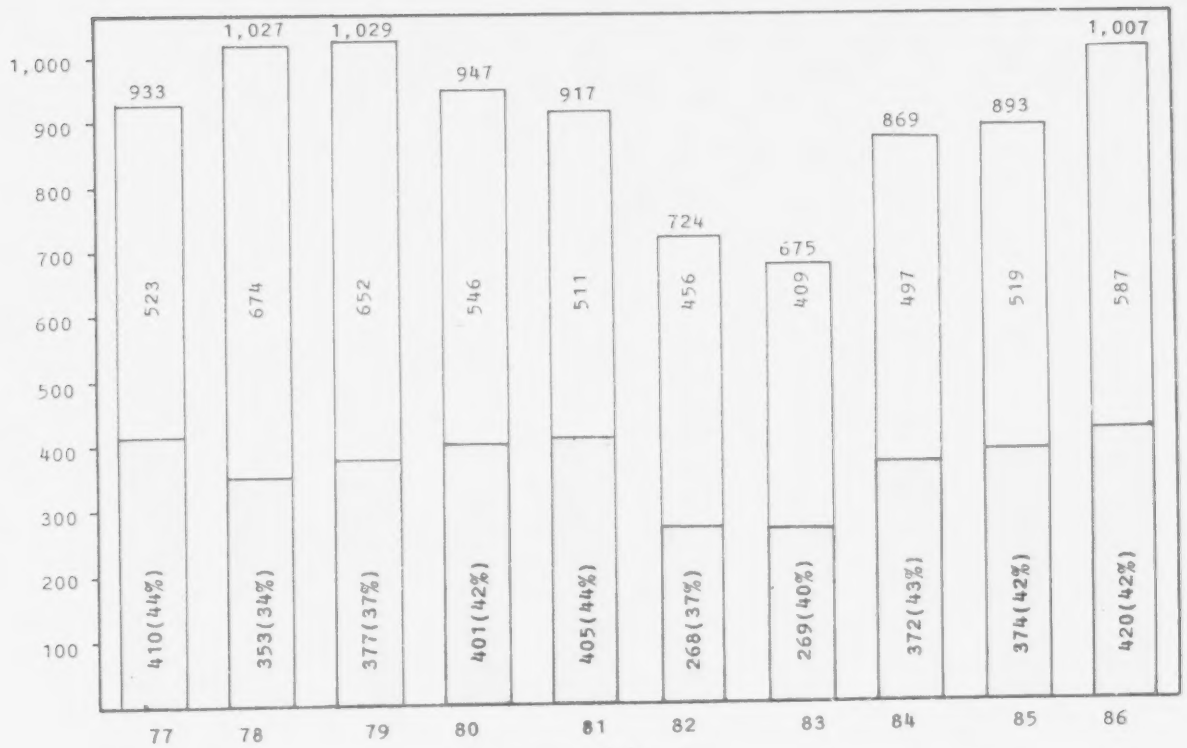
| Year | Motor Vehicle Registration | Motor Vehicle Mileage | Traffic Deaths | Traffic Injuries | Estimated AZ Fatality Rate/Per 100,000,000 Vehicle Mi. | Estimated US Fatality Rate/Per 100,000,000 Vehicle Mi. |
|---|---|---|---|---|---|---|
| 1930 | 110,915 | 867,750,000 | 190 | NA | 21.90 | 15.60 |
| 1935 | 105,610 | 930,758,000 | 217 | 1,905 | 23.31 | 15.91 |
| 1940 | 141,788 | 1,308,550,000 | 228 | 2,800 | 17.42 | 11.42 |
| 1945 | 146,436 | 1,573,475,000 | 283 | 2,540 | 17.98 | 11.28 |
| 1950 | 271,803 | 2,944,000,000 | 325 | 4,135 | 10.73 | 7.59 |
| 1955 | 415,655 | 4,414,561,000 | 358 | 6,824 | 8.11 | 6.37 |
| 1960 | 630,016 | 6,535,862,000 | 513 | 13,360 | 7.85 | 5.31 |
| 1965 | 857,934 | 8,339,000,000 | 550 | 21,279 | 6.59 | 5.54 |
| 1970 | 1,122,113 | 12,122,437,566 | 762 | 32,230 | 6.28 | 4.91 |
| 1975 | 1,514,846 | 16,031,406,497 | 670 | 36,646 | 4.18 | 3.46 |
| 1976 | 1,536,835 | 16,895,449,043 | 739 | 39,467 | 4.37 | 3.44 |
| 1977 | 1,615,727 | 18,121,403,496 | 933 | 44,484 | 5.15 | 3.35 |
| 1978 | 1,728,190 | 19,277,000,000 | 1,027 | 51,607 | 5.33 | 3.41 |
| 1979 | 1,810,204 | 21,500,000,000 | 1,029 | 51,743 | 4.79 | 3.46 |
| 1980 | 1,896,076 | 21,965,000,000 | 947 | 49,697 | 4.31 | 3.48 |
| 1981 | 1,973,831 | 22,920,000,000 | 917 | 48,322 | 4.00 | 3.27 |
| 1982 | 2,022,928 | 23,663,000,000 | 724 | 45,778 | 3.06 | 2.93 |
| 1983 | 2,055,026 | 25,561,000,000 | 675 | 50,076 | 2.64 | 2.73 |
| 1984 | 2,162,526 | 26,700,000,000 | 869 | 57,592 | 3.25 | 2.68 |
| 1985 | 2,283,832 | 29,050,000,000 | 893 | 59,650 | 3.07 | 2.48 |
| 1986 | 2,387,818 | 31,143,000,000 | 1,007 | 62,466 | 3.23 | 2.51 |

## Arizona vs U.S. Fatality Rate

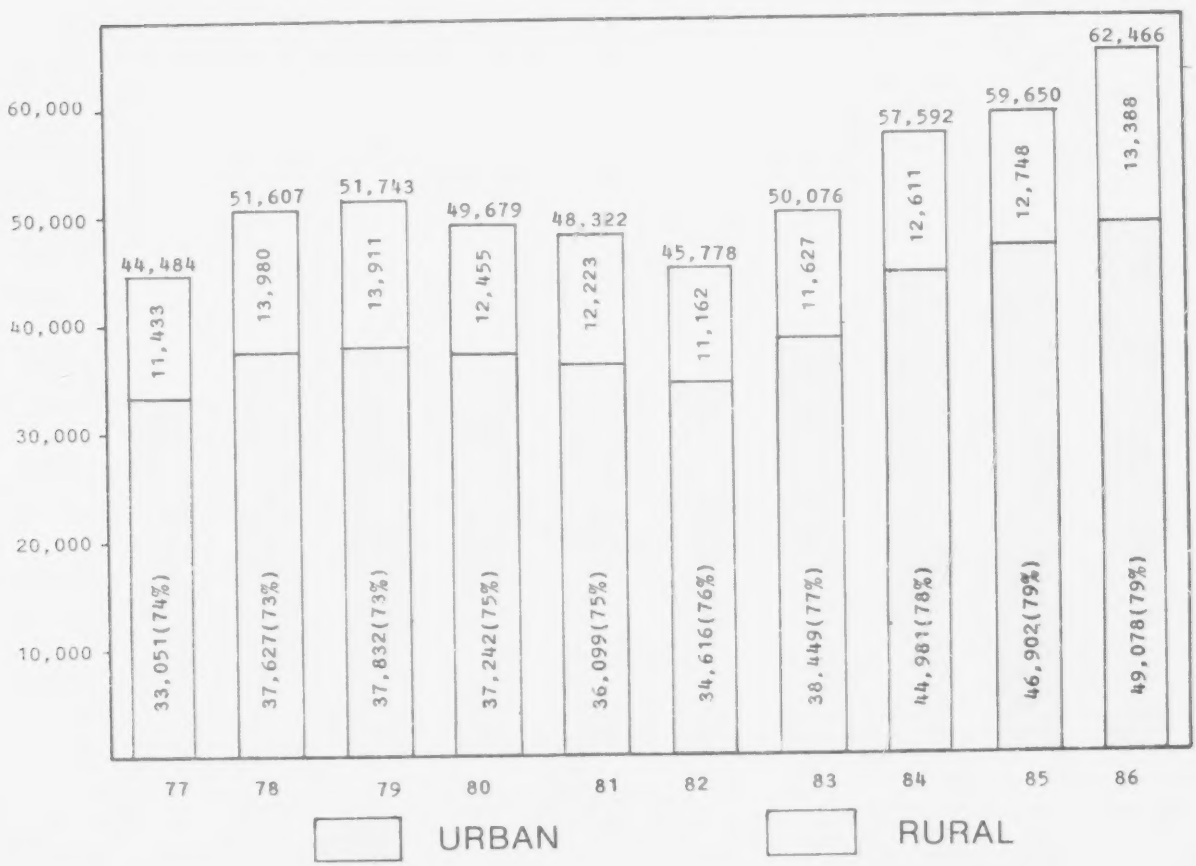
(Fatalities/100,000,000 Vehicle Miles)



## Persons Killed




## Persons Injured



# Holiday Traffic Fatalities

Of the six major holidays celebrated each year, three fall on specific days of the week -- Memorial Day, Labor Day, and Thanksgiving. They are regarded as three or four-day holidays, as the weekend is also included.

The other three holidays are celebrated on specific dates, and depending on what day of the week the date falls, the holiday period will vary from one to four days. If one of the "floating" holidays falls on Wednesday, it is a one-day holiday, otherwise the holiday period also includes the preceding or following weekend.

The counting of holiday fatalities starts at 6 p.m. on the last working day before the holiday and continues until midnight of the last day of the holiday period. For instance, Thanksgiving fatalities are counted from 6 p.m. Wednesday to midnight on Sunday.

| Holiday | 1986 Dates | | Number of Full Days | People Killed | Number of Accidents |
|---|---|---|---|---|---|
| | Begin 6 p.m. | End Midnight | | | |
| New Years | Tuesday Dec 31,1985 | Wednesday Jan 1,1986 | 1 | 6 | 4 |
| Memorial Day | Friday May 23,1986 | Monday May 26, 1986 | 3 | 8 | 7 |
| July 4th | Thursday July 3, 1986 | Sunday July 6, 1986 | 3 | 11 | 10 |
| Labor Day | Friday Aug 29,1986 | Monday Sep 1 1986 | 3 | 16 | 13 |
| Thanksgiving | Wednesday Nov 26, 1986 | Sunday Nov 30, 1986 | 4 | 4 | 4 |
| Christmas | Wednesday Dec 24, 1986 | Sunday Dec 28, 1986 | 4 | 14 | 13 |

| | 1982 | 1983 | 1984 | 1985 | 1986 |
|---|---|---|---|---|---|
| New Years | 8 / 8 (3) | 5 / 5 (3) | 5 / 6 (3) | 10 / 11 (4) | 4 / 6 (1) |
| Memorial Day | 9 / 11 (3) | 6 / 7 (3) | 11 / 14 (3) | 10 / 14 (3) | 7 / 8 (3) |
| 4th of July | 11 / 14 (3) | 9 / 12 (3) | 2 / 2 (1) | 18 / 22 (4) | 10 / 11 (3) |
| Labor Day | 7 / 9 (3) | 14 / 18 (3) | 12 / 14 (3) | 6 / 6 (3) | 13 / 16 (3) |
| Thanksgiving | 7 / 8 (4) | 10 / 15 (4) | 15 / 16 (4) | 10 / 11 (4) | 4 / 4 (4) |
| Christmas | 8 / 10 (3) | 5 / 5 (3) | 9 / 9 (4) | 2 / 2 (1) | 13 / 14 (4) |

Key to the information: Fatal Accidents / No. Killed (Days in Holiday period)

# Preliminary Restraint Usage Statistics

In 1985, the collection of restraint usage data for all persons in an accident involved vehicle was initiated. The statistics for 1986 indicate better usage reporting by the investigating officers.

Information on driver restraint usage has been purged of the most obvious unknowns, i.e., hit and run drivers and those that could not be wearing seat belts, such as, motorcycle riders.

Occupant restraint usage has been divided into two categories, those age 4 and under who are covered by our child restraint law, and all other occupants ages 5 and older.

These statistics will show that it is obviously safer to wear a seat belt, but do not give any decisive conclusions at the present time. The driver that is conscientious enough to buckle up may well be a more careful driver to begin with.

| DRIVERS | Number of Drivers | % Usage | Number Killed | % Killed in Category | % Total Dr. Killed |
|---|---|---|---|---|---|
| Restraint Used | 57,794 | 34.7 | 44 | 0.08 | 10.7 |
| Restraint Not Used | 80,570 | 48.3 | 273 | 0.34 | 66.4 |
| Restraint Usage Unk | 28,289 | 17.0 | 94 | 0.33 | 22.9 |
| Total Tested | 166,653 | 100.0 | 411 | --- | 100.0 |

| OCCUPANTS 5 and OLDER | Number of Occupants | % Usage | Number Killed | % killed in Category | % Total 5+ Occ. Killed |
|---|---|---|---|---|---|
| Restraint Used | 18,967 | 25.8 | 19 | 0.10 | 6.8 |
| Restraint Not Used | 44,166 | 60.0 | 204 | 0.46 | 73.1 |
| Restraint Usage Unk | 10,379 | 14.2 | 56 | 0.54 | 20.1 |
| Total Tested | 73,560 | 100.0 | 279 | --- | 100.0 |

| OCCUPANTS 4 and UNDER | Number of Occupants | % Usage | Number Killed | % Killed in Category | % Total 4- Occ. Killed |
|---|---|---|---|---|---|
| Restraint Used | 5,035 | 56.6 | 1 | 0.02 | 5.3 |
| Restraint Not Used | 3,026 | 34.0 | 15 | 0.50 | 78.9 |
| Restraint Usage Unk | 840 | 9.4 | 3 | 0.36 | 15.8 |
| Total Tested | 8,901 | 100.0 | 19 | --- | 100.0 |

# Geographic Location

# Accidents, Deaths, Injuries by Cities and Towns

(As Reported to Arizona Department of Transportation)

| COUNTIES<br>Cities | Number of Accidents | | | | Number of Persons | | Alcohol Related | | |
|---|---|---|---|---|---|---|---|---|---|
| | Total | Fatal | Injury | Prop. Dam. | Total Killed | Total Inj. | Total Acc. | Total Killed | Total Inj. |
| APACHE | | | | | | | | | |
| Eagar | 38 | 0 | 17 | 21 | 0 | 27 | 4 | 0 | 4 |
| St. Johns | 31 | 0 | 8 | 23 | 0 | 11 | 5 | 0 | 3 |
| Springerville | No accidents reported to us in 1986 | | | | | | | | |
| State Rural Rds | 580 | 21 | 181 | 378 | 23 | 333 | 116 | 6 | 92 |
| Other Rural Rds | 508 | 19 | 171 | 318 | 26 | 344 | 147 | 13 | 163 |
| TOTAL | 1,157 | 40 | 377 | 740 | 49 | 715 | 272 | 19 | 262 |
| COCHISE | | | | | | | | | |
| Benson | 42 | 0 | 10 | 32 | 0 | 16 | 0 | 0 | 0 |
| Bisbee | 64 | 0 | 20 | 44 | 0 | 28 | 9 | 0 | 5 |
| Douglas | 222 | 0 | 47 | 175 | 0 | 56 | 16 | 0 | 4 |
| Huachuca City | 3 | 1 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| Sierra Vista | 549 | 2 | 164 | 383 | 2 | 233 | 42 | 0 | 28 |
| Tombstone | 24 | 0 | 7 | 17 | 0 | 13 | 1 | 0 | 0 |
| Willcox | 41 | 1 | 9 | 31 | 1 | 15 | 5 | 1 | 3 |
| State Rural Rds | 491 | 17 | 191 | 283 | 18 | 320 | 63 | 6 | 68 |
| Other Rural Rds | 209 | 4 | 81 | 124 | 4 | 132 | 32 | 3 | 34 |
| TOTAL | 1,645 | 25 | 529 | 1,091 | 26 | 813 | 168 | 10 | 142 |
| COCONINO | | | | | | | | | |
| Flagstaff | 1,531 | 7 | 374 | 1,150 | 8 | 529 | 148 | 3 | 89 |
| Fredonia | 3 | 0 | 2 | 1 | 0 | 2 | 0 | 0 | 0 |
| Williams | 77 | 0 | 13 | 64 | 0 | 23 | 8 | 0 | 5 |
| Page | 70 | 2 | 17 | 51 | 2 | 23 | 12 | 0 | 10 |
| State Rural Rds | 1,242 | 34 | 449 | 759 | 40 | 809 | 132 | 17 | 153 |
| Other Rural Rds | 229 | 10 | 83 | 136 | 11 | 134 | 43 | 5 | 30 |
| TOTAL | 3,152 | 53 | 938 | 2,161 | 61 | 1,520 | 343 | 25 | 287 |
| GILA | | | | | | | | | |
| Globe | 139 | 2 | 48 | 89 | 3 | 70 | 12 | 0 | 6 |
| Hayden | 7 | 0 | 2 | 5 | 0 | 3 | 0 | 0 | 0 |
| Miami | 7 | 0 | 1 | 6 | 0 | 1 | 1 | 0 | 1 |
| Payson | 83 | 1 | 35 | 47 | 1 | 55 | 11 | 0 | 8 |
| Winkelman | 5 | 0 | 0 | 5 | 0 | 0 | 2 | 0 | 0 |
| State Rural Rds | 584 | 24 | 196 | 364 | 27 | 317 | 96 | 11 | 76 |
| Other Rural Rds | 117 | 5 | 36 | 76 | 6 | 58 | 12 | 0 | 4 |
| TOTAL | 942 | 32 | 318 | 592 | 37 | 504 | 134 | 11 | 95 |
| GRAHAM | | | | | | | | | |
| Pima | 7 | 0 | 3 | 4 | 0 | 4 | 3 | 0 | 2 |
| Safford | 14 | 0 | 4 | 10 | 0 | 4 | 0 | 0 | 0 |
| Thatcher | 35 | 0 | 15 | 20 | 0 | 27 | 5 | 0 | 4 |
| State Rural Rds | 89 | 5 | 38 | 46 | 5 | 74 | 21 | 4 | 32 |
| Other Rural Rds | 50 | 2 | 21 | 27 | 3 | 36 | 7 | 1 | 7 |
| TOTAL | 195 | 7 | 81 | 107 | 8 | 145 | 36 | 5 | 45 |
| GREENLEE | | | | | | | | | |
| Clifton | 3 | 1 | 0 | 2 | 1 | 0 | 1 | 0 | 0 |
| Duncan | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| Morenci | No accidents reported to us in 1986 | | | | | | | | |
| State Rural Rds | 84 | 1 | 26 | 57 | 1 | 32 | 14 | 0 | 9 |
| Other Rural Rds | 25 | 1 | 7 | 17 | 1 | 8 | 1 | 0 | 0 |
| TOTAL | 113 | 3 | 34 | 76 | 3 | 41 | 16 | 0 | 9 |
| LA PAZ | | | | | | | | | |
| Parker | 12 | 0 | 4 | 8 | 0 | 7 | 1 | 0 | 0 |
| CO. Indinn Reserv. | 13 | 2 | 6 | 5 | 2 | 12 | 4 | 0 | 0 |
| State Rural Rds | 318 | 14 | 133 | 171 | 18 | 247 | 39 | 2 | 47 |
| Other Rural Rds | 28 | 3 | 11 | 14 | 5 | 12 | 1 | 0 | 0 |
| TOTAL | 371 | 19 | 154 | 198 | 25 | 278 | 45 | 2 | 47 |

# Accidents, Deaths, Injuries by Cities and Towns

| COUNTIES<br>Cities | Number of Accidents | | | | Number of Persons | | Alcohol Related | | |
|---|---|---|---|---|---|---|---|---|---|
| | Total | Fatal | Injury | Prop. Dam. | Total Killed | Total Inj. | Total Acc. | Total Killed | Total Inj. |
| MARICOPA | | | | | | | | | |
| Avondale | 120 | 1 | 48 | 71 | 1 | 77 | 18 | 0 | 10 |
| Buckeye | 60 | 0 | 17 | 43 | 0 | 27 | 7 | 0 | 4 |
| Chandler | 1,220 | 5 | 435 | 780 | 6 | 710 | 147 | 2 | 118 |
| El Mirage | 65 | 2 | 34 | 29 | 2 | 67 | 11 | 0 | 19 |
| Gila Bend | 8 | 0 | 1 | 7 | 0 | 1 | 1 | 0 | 1 |
| Gilbert | 240 | 0 | 82 | 158 | 0 | 130 | 32 | 0 | 22 |
| Glendale | 2,377 | 13 | 1,245 | 1,119 | 15 | 2,010 | 287 | 4 | 291 |
| Goodyear | 40 | 2 | 14 | 24 | 2 | 25 | 5 | 0 | 6 |
| Guadalupe | No accidents reported to us in 1986 | | | | | | | | |
| Mesa | 7,059 | 31 | 2,681 | 4,347 | 35 | 4,148 | 557 | 14 | 494 |
| Paradise Valley | 274 | 2 | 113 | 159 | 2 | 160 | 19 | 0 | 17 |
| Peoria | 494 | 2 | 141 | 351 | 2 | 225 | 39 | 1 | 33 |
| Phoenix | 37,583 | 163 | 15,617 | 21,803 | 175 | 24,511 | 3,868 | 70 | 3,576 |
| Scottsdale | 3,742 | 19 | 1,411 | 2,312 | 20 | 2,159 | 359 | 12 | 327 |
| Surprise | 12 | 0 | 4 | 8 | 0 | 6 | 2 | 0 | 3 |
| Tempe | 6,152 | 21 | 2,529 | 3,602 | 23 | 3,703 | 593 | 7 | 528 |
| Tolleson | 21 | 0 | 9 | 12 | 0 | 13 | 2 | 0 | 0 |
| Wickenburg | 67 | 0 | 28 | 39 | 0 | 45 | 4 | 0 | 2 |
| Youngtown | 9 | 0 | 3 | 6 | 0 | 3 | 0 | 0 | 0 |
| State Rural Rds | 1,443 | 43 | 535 | 865 | 51 | 979 | 218 | 23 | 215 |
| Other Rural Rds | 3,278 | 63 | 1,615 | 1,600 | 70 | 2,742 | 511 | 36 | 614 |
| TOTAL | 64,264 | 367 | 26,562 | 37,335 | 404 | 41,741 | 6,680 | 169 | 6,280 |
| MOHAVE | | | | | | | | | |
| Bullhead City | 425 | 6 | 147 | 272 | 6 | 226 | 78 | 4 | 61 |
| Kingman | 210 | 3 | 89 | 118 | 5 | 135 | 25 | 1 | 19 |
| Lake Havasu City | 304 | 3 | 135 | 166 | 6 | 193 | 43 | 1 | 40 |
| State Rural Rds | 609 | 31 | 221 | 357 | 41 | 392 | 98 | 16 | 98 |
| Other Rural Rds | 277 | 7 | 119 | 151 | 10 | 203 | 47 | 4 | 56 |
| TOTAL | 1,825 | 50 | 711 | 1,064 | 68 | 1,149 | 291 | 26 | 274 |
| NAVAJO | | | | | | | | | |
| Holbrook | 45 | 1 | 9 | 35 | 1 | 14 | 7 | 0 | 8 |
| Pinetop/Lakeside | 63 | 1 | 26 | 36 | 1 | 45 | 8 | 0 | 6 |
| Show Low | 106 | 0 | 40 | 66 | 0 | 59 | 12 | 0 | 8 |
| Snowflake | 31 | 0 | 13 | 18 | 0 | 25 | 6 | 0 | 2 |
| Taylor | 17 | 0 | 4 | 13 | 0 | 11 | 1 | 0 | 2 |
| Winslow | 173 | 4 | 36 | 133 | 4 | 56 | 29 | 1 | 19 |
| State Rural Rds | 475 | 21 | 171 | 283 | 21 | 311 | 76 | 5 | 87 |
| Other Rural Rds | 208 | 15 | 69 | 124 | 16 | 135 | 50 | 5 | 54 |
| TOTAL | 1,118 | 42 | 368 | 708 | 43 | 656 | 189 | 11 | 178 |
| PIMA | | | | | | | | | |
| Ajo | Reported with the Pima County statistics | | | | | | | | |
| Marana | 22 | 0 | 12 | 10 | 0 | 16 | 4 | 0 | 1 |
| Oro Valley | 41 | 1 | 15 | 25 | 1 | 26 | 9 | 0 | 7 |
| South Tucson | 276 | 2 | 93 | 181 | 2 | 127 | 34 | 0 | 23 |
| Tucson | 13,202 | 75 | 5,020 | 8,107 | 82 | 7,568 | 1,205 | 24 | 1,104 |
| State Rural Rds | 944 | 21 | 372 | 551 | 22 | 629 | 138 | 7 | 163 |
| Other Rural Rds | 3,790 | 39 | 1,414 | 2,337 | 42 | 2,218 | 384 | 15 | 328 |
| TOTAL | 18,275 | 138 | 6,926 | 11,211 | 149 | 10,584 | 1,774 | 46 | 1,626 |

# Accidents, Deaths, Injuries by Cities and Towns

| COUNTIES Cities | Number of Accidents | | | | Number of Persons | | Alcohol Related | | |
|---|---|---|---|---|---|---|---|---|---|
| | Total | Fatal | Injury | Prop. Dam. | Total Killed | Total Inj. | Total Acc. | Total Killed | Total Inj. |
| PINAL | | | | | | | | | |
| Apache Junction | 350 | 3 | 94 | 253 | 3 | 148 | 40 | 0 | 18 |
| Casa Grande | 377 | 1 | 145 | 231 | 2 | 241 | 56 | 2 | 40 |
| Coolidge | 75 | 0 | 28 | 47 | 0 | 35 | 17 | 0 | 7 |
| Eloy | 62 | 3 | 16 | 43 | 3 | 29 | 11 | 0 | 6 |
| Florence | 51 | 0 | 9 | 42 | 0 | 12 | 7 | 0 | 4 |
| Kearny | 14 | 0 | 4 | 10 | 0 | 9 | 4 | 0 | 6 |
| Mammoth | 2 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 |
| San Manuel | Reported with Pinal County statistics | | | | | | | | |
| Superior | 34 | 0 | 10 | 24 | 0 | 12 | 11 | 0 | 7 |
| State Rural Rds | 756 | 26 | 293 | 437 | 38 | 516 | 146 | 16 | 157 |
| Other Rural Rds | 523 | 15 | 193 | 315 | 20 | 334 | 124 | 14 | 128 |
| TOTAL | 2,244 | 48 | 793 | 1,403 | 66 | 1,337 | 416 | 32 | 373 |
| SANTA CRUZ | | | | | | | | | |
| Nogales | 149 | 0 | 92 | 57 | 0 | 176 | 24 | 0 | 21 |
| Patagonia | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| State Rural Rds | 117 | 3 | 43 | 71 | 3 | 93 | 28 | 1 | 36 |
| Other Rural Rds | 3 | 3 | 0 | 0 | 3 | 3 | 2 | 2 | 3 |
| TOTAL | 270 | 6 | 135 | 129 | 6 | 272 | 54 | 3 | 60 |
| YAVAPAI | | | | | | | | | |
| Bagdad | No accidents reported to us in 1986 | | | | | | | | |
| Chino Valley | 23 | 0 | 10 | 13 | 0 | 19 | 6 | 0 | 2 |
| Clarkdale | 7 | 1 | 3 | 3 | 1 | 5 | 1 | 0 | 0 |
| Cottonwood | 128 | 0 | 54 | 74 | 0 | 90 | 15 | 0 | 11 |
| Jerome | 12 | 0 | 3 | 9 | 0 | 5 | 3 | 0 | 1 |
| Mayer | No accidents reported to us in 1986 | | | | | | | | |
| Prescott | 491 | 3 | 223 | 265 | 3 | 320 | 55 | 1 | 38 |
| Prescott Valley | 45 | 0 | 19 | 26 | 0 | 29 | 5 | 0 | 3 |
| State Rural Rds | 880 | 19 | 356 | 505 | 22 | 633 | 114 | 8 | 134 |
| Other Rural Rds | 398 | 9 | 190 | 199 | 9 | 301 | 54 | 5 | 56 |
| TOTAL | 1,984 | 32 | 858 | 1,094 | 35 | 1,402 | 253 | 14 | 245 |
| YUMA | | | | | | | | | |
| San Luis | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Somerton | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Wellton | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| Yuma | 1,603 | 5 | 599 | 999 | 5 | 875 | 198 | 3 | 166 |
| State Rural Rds | 299 | 11 | 99 | 189 | 11 | 156 | 34 | 5 | 19 |
| Other Rural Rds | 349 | 10 | 168 | 171 | 10 | 277 | 69 | 5 | 69 |
| TOTAL | 2,254 | 27 | 867 | 1,360 | 27 | 1,309 | 301 | 13 | 254 |
| GRAND TOTAL | 99,809 | 889 | 39,651 | 59,269 | 1,007 | 62,466 | 10,972 | 386 | 10,177 |

Arizona Revised Statute (ARS) 28-667, requires that "... a motor vehicle accident resulting in bodily injury or death or damage to the property of any person in excess of five hundred dollars,..." shall be reported by forwarding a copy of the accident report to the Arizona Department of Transportation. Some jurisdictions are not in compliance with the statute while others choose to report any and all accidents investigated inspite of the severity. Individual city and county totals may vary widely from year to year due to their reporting policy.

# Accidents, Deaths and Injuries on the State Highway System

Legend
Type: I-Interstate S-State U-U.S. Highway
Suffix: A-Alternate B-Business L-Loop S-Spur X-Temporary

| TYPE | SUFFIX | ROUTE # | Number of Accidents | | | | Number of Persons | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Total | Fatal | Injury | Property Damage | Killed | Injured | Possible Injury | Non-Incap Injury | Incap Injury |
| I | | 8 | 241 | 12 | 81 | 148 | 13 | 142 | 31 | 73 | 38 |
| S | B | 8 | 75 | 1 | 34 | 40 | 1 | 51 | 14 | 28 | 9 |
| I | | 10 | 2,698 | 50 | 898 | 1,750 | 57 | 1,448 | 536 | 631 | 281 |
| S | B | 10 | 41 | 1 | 15 | 25 | 1 | 22 | 4 | 9 | 9 |
| I | | 15 | 45 | 3 | 20 | 22 | 4 | 31 | 4 | 16 | 11 |
| I | | 17 | 3,848 | 14 | 1,135 | 2,699 | 14 | 1,823 | 850 | 762 | 211 |
| I | | 19 | 211 | 4 | 79 | 128 | 4 | 147 | 60 | 59 | 28 |
| I | | 40 | 977 | 39 | 313 | 625 | 43 | 564 | 140 | 301 | 123 |
| S | B | 40 | 342 | 0 | 86 | 256 | 0 | 131 | 60 | 58 | 13 |
| U | | 60 | 1,016 | 24 | 355 | 637 | 28 | 660 | 218 | 284 | 158 |
| S | | 61 | 20 | 0 | 10 | 10 | 0 | 21 | 5 | 13 | 3 |
| S | | 64 | 63 | 1 | 23 | 39 | 5 | 55 | 10 | 29 | 16 |
| S | | 66 | 19 | 2 | 8 | 9 | 3 | 16 | 4 | 4 | 8 |
| S | | 67 | 13 | 0 | 7 | 6 | 0 | 8 | 3 | 3 | 2 |
| S | | 68 | 67 | 1 | 22 | 44 | 2 | 42 | 15 | 21 | 6 |
| S | | 69 | 127 | 2 | 52 | 73 | 2 | 116 | 32 | 60 | 24 |
| S | Y | 69 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| U | | 70 | 87 | 6 | 35 | 46 | 6 | 74 | 22 | 31 | 21 |
| S | | 71 | 10 | 0 | 2 | 8 | 0 | 5 | 0 | 3 | 2 |
| S | | 72 | 10 | 0 | 3 | 7 | 0 | 4 | 0 | 0 | 4 |
| S | | 73 | 25 | 4 | 9 | 12 | 4 | 15 | 8 | 6 | 1 |
| S | | 74 | 25 | 1 | 12 | 12 | 1 | 21 | 3 | 10 | 8 |
| S | X | 74 | 18 | 0 | 7 | 11 | 0 | 8 | 3 | 2 | 3 |
| S | | 75 | 10 | 0 | 5 | 5 | 0 | 5 | 2 | 1 | 2 |
| S | | 76 | 14 | 0 | 5 | 9 | 0 | 7 | 0 | 6 | 1 |
| S | | 77 | 173 | 5 | 62 | 106 | 6 | 107 | 32 | 42 | 33 |
| S | | 78 | 7 | 0 | 1 | 6 | 0 | 1 | 0 | 0 | 1 |
| S | | 79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U | | 80 | 119 | 7 | 38 | 74 | 7 | 62 | 14 | 24 | 24 |
| S | | 81 | 1 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | 1 |
| S | | 82 | 56 | 3 | 22 | 31 | 3 | 35 | 8 | 15 | 12 |
| S | | 83 | 36 | 2 | 17 | 17 | 2 | 33 | 14 | 11 | 8 |
| S | | 84 | 72 | 2 | 34 | 36 | 2 | 60 | 24 | 23 | 13 |
| S | | 85 | 182 | 8 | 58 | 116 | 11 | 140 | 36 | 71 | 33 |
| S | S | 85 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| S | | 86 | 105 | 7 | 44 | 54 | 8 | 81 | 31 | 27 | 23 |
| S | | 87 | 592 | 22 | 233 | 337 | 27 | 406 | 126 | 188 | 92 |
| S | | 88 | 143 | 4 | 51 | 88 | 5 | 80 | 18 | 41 | 21 |
| S | B | 89 | 6 | 0 | 1 | 5 | 0 | 1 | 1 | 0 | 0 |
| S | L | 89 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| U | | 89 | 857 | 20 | 345 | 492 | 31 | 610 | 205 | 254 | 151 |
| U | A | 89 | 448 | 4 | 169 | 275 | 4 | 260 | 76 | 116 | 68 |
| S | | 90 | 91 | 2 | 32 | 57 | 3 | 63 | 10 | 36 | 17 |
| S | S | 90 | 4 | 0 | 3 | 1 | 0 | 4 | 1 | 3 | 0 |
| S | | 92 | 104 | 3 | 46 | 55 | 3 | 72 | 15 | 40 | 17 |
| U | | 93 | 260 | 17 | 93 | 150 | 23 | 172 | 36 | 82 | 54 |
| S | | 95 | 470 | 10 | 188 | 272 | 14 | 306 | 85 | 139 | 82 |
| U | | 95 | 139 | 5 | 46 | 88 | 5 | 80 | 15 | 50 | 15 |
| S | | 96 | 13 | 0 | 7 | 6 | 0 | 10 | 1 | 7 | 2 |
| S | | 97 | 5 | 0 | 4 | 1 | 0 | 4 | 1 | 2 | 1 |
| S | | 98 | 40 | 3 | 13 | 24 | 3 | 20 | 8 | 10 | 2 |
| S | | 99 | 7 | 0 | 4 | 3 | 0 | 6 | 1 | 3 | 2 |
| S | | 143 | 40 | 0 | 16 | 24 | 0 | 27 | 22 | 2 | 3 |
| U | | 160 | 185 | 7 | 66 | 112 | 7 | 123 | 70 | 31 | 22 |
| U | | 163 | 42 | 2 | 14 | 26 | 2 | 35 | 26 | 6 | 3 |

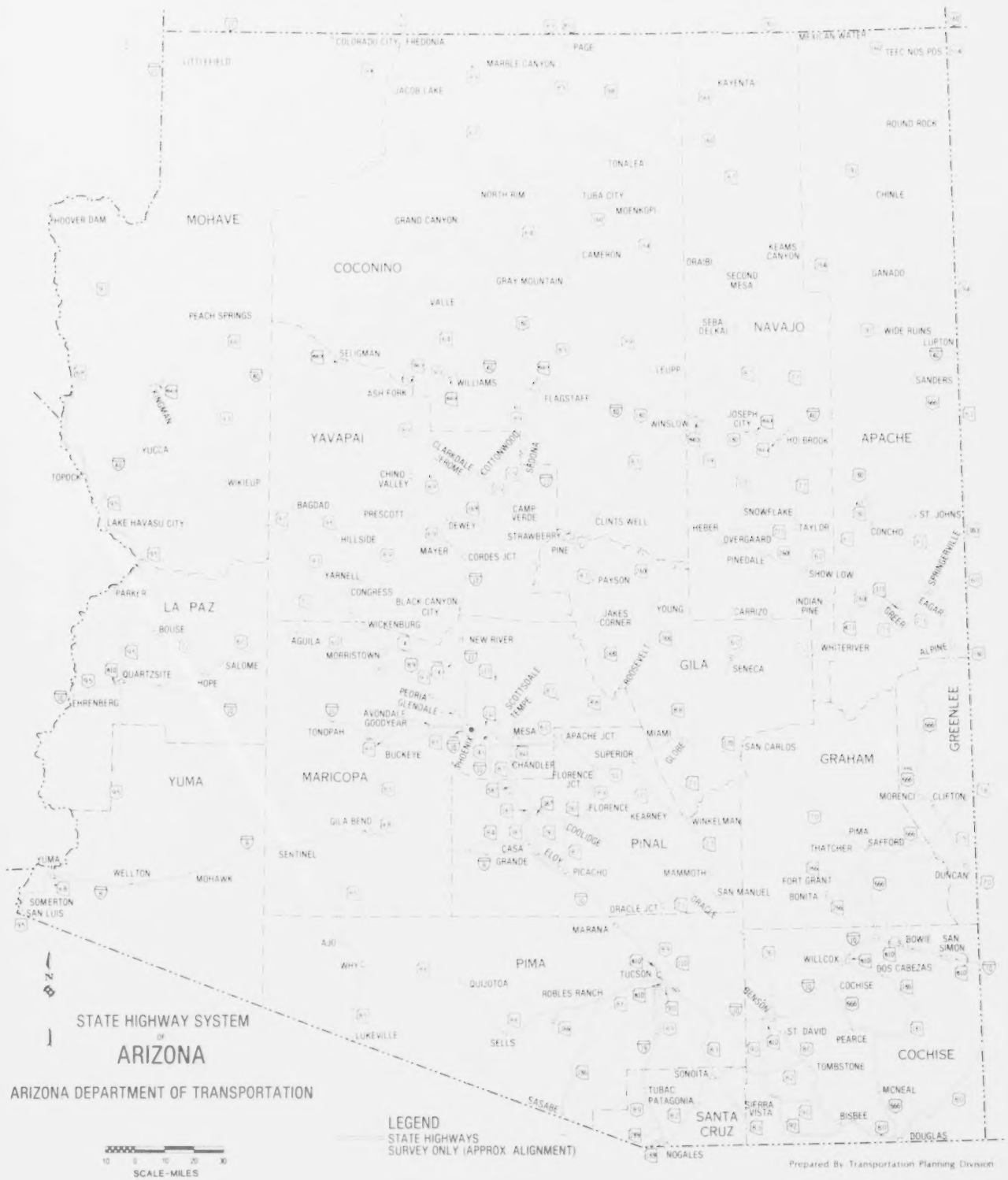
Legend
Type: I-Interstate S-State U-U.S. Highway
Suffix: A-Alternate B-Business L-Loop S-Spur X-Temporary

| TYPE | SUFFIX | ROUTE # | Number of Accidents | | | | Number of Persons | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Total | Fatal | Injury | Property Damage | Killed | Injured | Possible Injury | Non-Incap Injury | Incap Injury |
| S | | 169 | 10 | 1 | 5 | 4 | 1 | 10 | 2 | 8 | 0 |
| S | | 170 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| S | | 177 | 30 | 1 | 10 | 19 | 1 | 12 | 2 | 9 | 1 |
| S | | 179 | 60 | 2 | 25 | 33 | 2 | 46 | 12 | 21 | 13 |
| U | | 180 | 162 | 3 | 45 | 114 | 3 | 91 | 22 | 54 | 15 |
| S | | 181 | 2 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |
| S | | 186 | 3 | 0 | 1 | 2 | 0 | 1 | 0 | 1 | 0 |
| S | | 187 | 3 | 1 | 0 | 2 | 1 | 3 | 0 | 0 | 3 |
| S | | 188 | 45 | 2 | 13 | 30 | 3 | 19 | 4 | 11 | 4 |
| S | | 189 | 6 | 0 | 5 | 1 | 0 | 13 | 11 | 1 | 1 |
| U | | 191 | 121 | 3 | 35 | 83 | 3 | 61 | 45 | 12 | 4 |
| S | | 260 | 398 | 8 | 159 | 231 | 8 | 275 | 81 | 137 | 57 |
| S | | 264 | 133 | 9 | 44 | 80 | 10 | 71 | 56 | 8 | 7 |
| S | | 266 | 2 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 |
| S | | 273 | 8 | 1 | 4 | 3 | 1 | 8 | 2 | 4 | 2 |
| S | | 277 | 16 | 0 | 9 | 7 | 0 | 11 | 1 | 6 | 4 |
| S | | 279 | 27 | 0 | 13 | 14 | 0 | 25 | 5 | 13 | 7 |
| S | | 280 | 3 | 0 | 1 | 2 | 0 | 1 | 0 | 1 | 0 |
| S | | 286 | 5 | 0 | 3 | 2 | 0 | 9 | 0 | 8 | 1 |
| S | | 287 | 32 | 0 | 15 | 17 | 0 | 25 | 8 | 8 | 9 |
| S | | 288 | 12 | 0 | 6 | 6 | 0 | 7 | 4 | 2 | 1 |
| S | | 289 | 3 | 0 | 2 | 1 | 0 | 6 | 4 | 1 | 1 |
| S | | 360 | 807 | 4 | 244 | 559 | 5 | 350 | 179 | 132 | 39 |
| S | | 366 | 6 | 0 | 1 | 5 | 0 | 2 | 0 | 2 | 0 |
| S | | 373 | 8 | 1 | 3 | 4 | 1 | 7 | 0 | 5 | 2 |
| S | | 377 | 8 | 0 | 3 | 5 | 0 | 3 | 0 | 2 | 1 |
| S | | 386 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| S | | 387 | 15 | 1 | 3 | 11 | 2 | 9 | 5 | 0 | 4 |
| S | | 389 | 7 | 0 | 1 | 6 | 0 | 3 | 0 | 3 | 0 |
| S | | 504 | 2 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |
| S | | 564 | 4 | 1 | 1 | 2 | 1 | 1 | 1 | 0 | 0 |
| S | | 587 | 12 | 0 | 4 | 8 | 0 | 6 | 2 | 3 | 1 |
| U | | 666 | 154 | 3 | 56 | 95 | 3 | 83 | 23 | 43 | 17 |
| U | X | 666 | 15 | 0 | 4 | 11 | 0 | 4 | 1 | 2 | 1 |
| Totals | | | 16,329 | 341 | 5,542 | 10,446 | 402 | 9,381 | 3,372 | 4,132 | 1,877 |

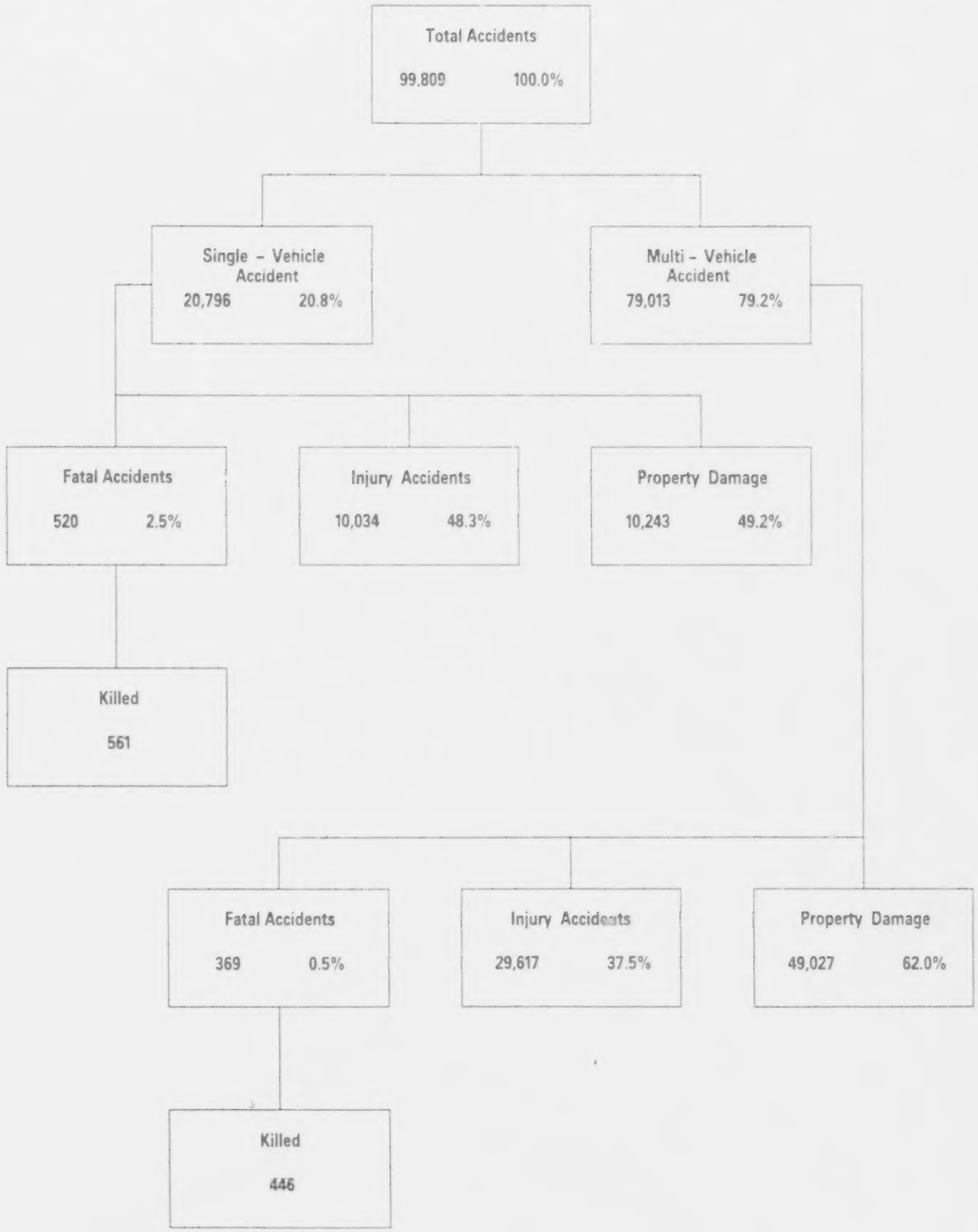
ACCIDENT RATES ON THE STATE HIGHWAY SYSTEM
AVERAGED OVER 1984-1986
(ACCIDENTS PER MILLION VEHICLE MILES OF TRAVEL)

| URBAN | | RURAL | |
|---|---|---|---|
| 2 lane | 1.23 | 2 lane | 1.15 |
| 4 lane | 2.23 | 4 lane | 1.55 |
| 4 lane Divided | 1.84 | 4 lane Divided | 1.07 |
| Freeway | 1.17 | Freeway | 0.65 |

ALL ROAD CATEGORIES 1.18


COLORADO CITY, FREDONIA
PAGE
LITTLEFIELD
MARBLE CANYON
KAYENTA
ROUND ROCK
TONALEA
NORTH RIM
TUBA CITY
CHINLE
HOOVER DAM
MOHAVE
GRAND CANYON
MOENKOPI
CAMERON
KEAMS CANYON
ORAIBI
COCONINO
GRAY MOUNTAIN
SECOND MESA
GANADO
VALLE
PEACH SPRINGS
SEBA DELKAI
NAVAJO
WIDE RUINS
LUPTON
SELIGMAN
LEUPP
SANDERS
ASH FORK
WILLIAMS
FLAGSTAFF
JOSEPH CITY
WINSLOW
HOLBROOK
APACHE
YAVAPAI
YUCCA
CLARKDALE
JEROME
COTTONWOOD
SEDONA
TOPOCK
WIKIEUP
CHINO VALLEY
BAGDAD
PRESCOTT
CAMP VERDE
SNOWFLAKE
ST. JOHNS
LAKE HAVASU CITY
DEWEY
CLINTS WELL
HEBER
TAYLOR
CONCHO
HILLSIDE
STRAWBERRY
OVERGAARD
MAYER
CORDES JCT
PINE
PINEDALE
SHOW LOW
SPRINGERVILLE
YARNELL
PAYSON
PARKER
CONGRESS
BLACK CANYON CITY
LA PAZ
JAKES CORNER
YOUNG
CARRIZO
INDIAN PINE
EAGAR
GREER
BOUSE
WICKENBURG
AGUILA
NEW RIVER
WHITERIVER
ALPINE
MORRISTOWN
ROOSEVELT
GILA
SENECA
QUARTZSITE
SALOME
HOPE
PEORIA
GLENDALE
SCOTTSDALE
TEMPE
EHRENBERG
AVONDALE
GOODYEAR
MESA
APACHE JCT
MIAMI
GREENLEE
TONOPAH
PHOENIX
GLOBE
SAN CARLOS
BUCKEYE
CHANDLER
SUPERIOR
GRAHAM
YUMA
MARICOPA
FLORENCE JCT
MORENCI
CLIFTON
FLORENCE
KEARNEY
WINKELMAN
GILA BEND
COOLIDGE
PINAL
PIMA
SAFFORD
CASA GRANDE
ELOY
THATCHER
SENTINEL
YUMA
WELLTON
MOHAWK
PICACHO
MAMMOTH
FORT GRANT
DUNCAN
SAN MANUEL
BONITA
SOMERTON
SAN LUIS
ORACLE JCT
ORACLE
MARANA
AJO
BOWIE
SAN SIMON
WILLCOX
AHHC
PIMA
TUCSON
DOS CABEZAS
QUIJOTOA
ROBLES RANCH
COCHISE
BENSON
ST. DAVID
PEARCE
LUKEVILLE
SELLS
COCHISE
TOMBSTONE
SONOITA
MCNEAL
TUBAC
PATAGONIA
SIERRA VISTA
SANTA CRUZ
BISBEE
DOUGLAS
NOGALES
SASABE
N
STATE HIGHWAY SYSTEM
OF
ARIZONA
ARIZONA DEPARTMENT OF TRANSPORTATION
LEGEND
STATE HIGHWAYS
SURVEY ONLY (APPROX. ALIGNMENT)
10 0 10 20 30
SCALE-MILES
Prepared By Transportation Planning Division

# Accident Description



# Type of Accident

(By First Harmful Event)

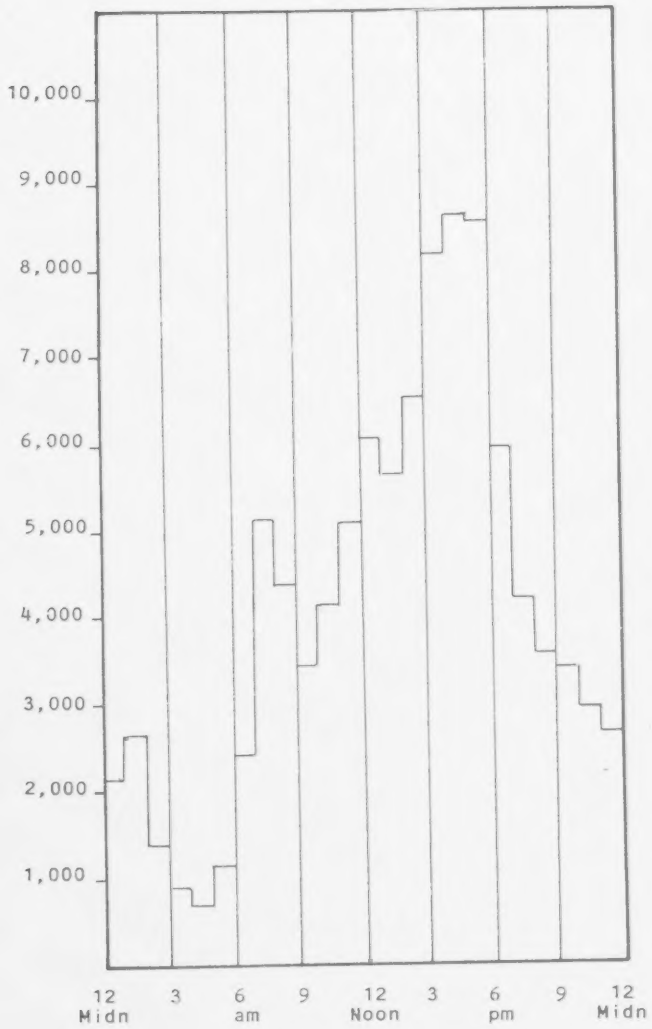
| STATEWIDE | TOTAL | | | | ON ROADWAY | | | OFF ROADWAY | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Total | Fatal | Injury | Prop. Dam. | Fatal | Injury | Prop. Dam. | Fatal | Injury | Prop. Dam. |
| Overturning | 2,538 | 123 | 1,399 | 1,016 | 26 | 287 | 232 | 97 | 1,112 | 784 |
| Other Non-Collision | 2,966 | 33 | 1,271 | 1,662 | 25 | 992 | 1,112 | 8 | 279 | 550 |
| Pedestrian | 1,566 | 167 | 1,399 | 0 | 156 | 1,315 | 0 | 11 | 84 | 0 |
| Motor Vehicle in Transit | 73,350 | 336 | 28,399 | 44,615 | 331 | 28,305 | 44,416 | 5 | 94 | 199 |
| Motor Vehicle other Rdwy | 9 | 1 | 5 | 3 | 1 | 5 | 3 | 0 | 0 | 0 |
| Parked Motor Vehicle | 4,255 | 14 | 692 | 3,549 | 8 | 523 | 2,931 | 6 | 169 | 618 |
| Railway Train | 34 | 2 | 20 | 12 | 2 | 19 | 12 | 0 | 1 | 0 |
| Pedalcyclist | 1,905 | 22 | 1,883 | 0 | 21 | 1,808 | 0 | 1 | 75 | 0 |
| Animal | 1,045 | 4 | 159 | 882 | 3 | 154 | 870 | 1 | 5 | 12 |
| Fixed Object | 11,495 | 187 | 4,326 | 6,982 | 13 | 593 | 1,115 | 174 | 3,733 | 5,867 |
| Other Object | 646 | 0 | 98 | 548 | 0 | 80 | 494 | 0 | 18 | 54 |
| Totals | 99,809 | 889 | 39,651 | 59,269 | 586 | 34,081 | 51,185 | 303 | 5,570 | 8,084 |

| URBAN | TOTAL | | | | ON ROADWAY | | | OFF ROADWAY | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Total | Fatal | Injury | Prop. Dam. | Fatal | Injury | Prop. Dam. | Fatal | Injury | Prop. Dam. |
| Overturning | 426 | 10 | 242 | 174 | 5 | 96 | 80 | 5 | 146 | 94 |
| Other Non-Collision | 1,317 | 5 | 727 | 585 | 5 | 658 | 485 | 0 | 69 | 100 |
| Pedestrian | 1,333 | 103 | 1,230 | 0 | 100 | 1,167 | 0 | 3 | 63 | 0 |
| Motor Vehicle in Transit | 64,132 | 190 | 24,834 | 39,108 | 189 | 24,777 | 38,974 | 1 | 57 | 134 |
| Motor Vehicle other Rdwy | 2 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Parked Motor Vehicle | 3,707 | 6 | 620 | 3,081 | 5 | 486 | 2,606 | 1 | 134 | 475 |
| Railway Train | 25 | 1 | 13 | 11 | 1 | 13 | 11 | 0 | 0 | 0 |
| Pedalcyclist | 1,736 | 15 | 1,721 | 0 | 15 | 1,690 | 0 | 0 | 71 | 0 |
| Animal | 112 | 2 | 35 | 75 | 1 | 33 | 75 | 1 | 2 | 0 |
| Fixed Object | 6,630 | 50 | 2,308 | 4,272 | 9 | 467 | 885 | 41 | 1,841 | 3,387 |
| Other Object | 356 | 0 | 59 | 297 | 0 | 49 | 264 | 0 | 13 | 33 |
| Totals | 79,776 | 383 | 31,790 | 47,603 | 331 | 29,397 | 43,380 | 52 | 2,393 | 4,228 |

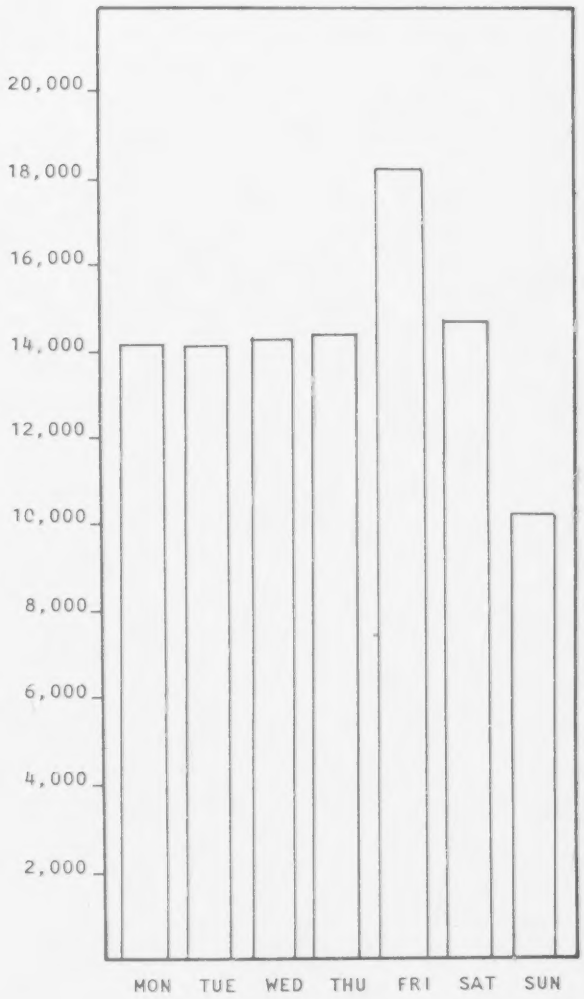
| RURAL | TOTAL | | | | ON ROADWAY | | | OFF ROADWAY | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Total | Fatal | Injury | Prop. Dam. | Fatal | Injury | Prop. Dam. | Fatal | Injury | Prop. Dam. |
| Overturning | 2,112 | 113 | 1,157 | 842 | 21 | 191 | 152 | 92 | 966 | 690 |
| Other Non-Collision | 1,649 | 28 | 544 | 1,077 | 20 | 334 | 627 | 8 | 210 | 450 |
| Pedestrian | 233 | 64 | 169 | 0 | 56 | 148 | 0 | 8 | 21 | 0 |
| Motor Vehicle in Transit | 9,218 | 146 | 3,565 | 5,507 | 142 | 3,528 | 5,442 | 4 | 37 | 65 |
| Motor Vehicle other Rdwy | 7 | 0 | 4 | 3 | 0 | 4 | 3 | 0 | 0 | 0 |
| Parked Motor Vehicle | 548 | 8 | 72 | 468 | 3 | 37 | 325 | 5 | 35 | 143 |
| Railway Train | 9 | 1 | 7 | 1 | 1 | 6 | 1 | 0 | 1 | 0 |
| Pedalcyclist | 169 | 7 | 162 | 0 | 6 | 158 | 0 | 1 | 4 | 0 |
| Animal | 933 | 2 | 124 | 807 | 2 | 121 | 795 | 0 | 3 | 12 |
| Fixed Object | 4,865 | 137 | 2,018 | 2,710 | 4 | 126 | 230 | 133 | 1,892 | 2,480 |
| Other Object | 290 | 0 | 39 | 251 | 0 | 31 | 230 | 0 | 8 | 21 |
| Totals | 20,033 | 506 | 7,861 | 11,666 | 255 | 4,684 | 7,805 | 251 | 3,177 | 3,861 |

## Total Accidents

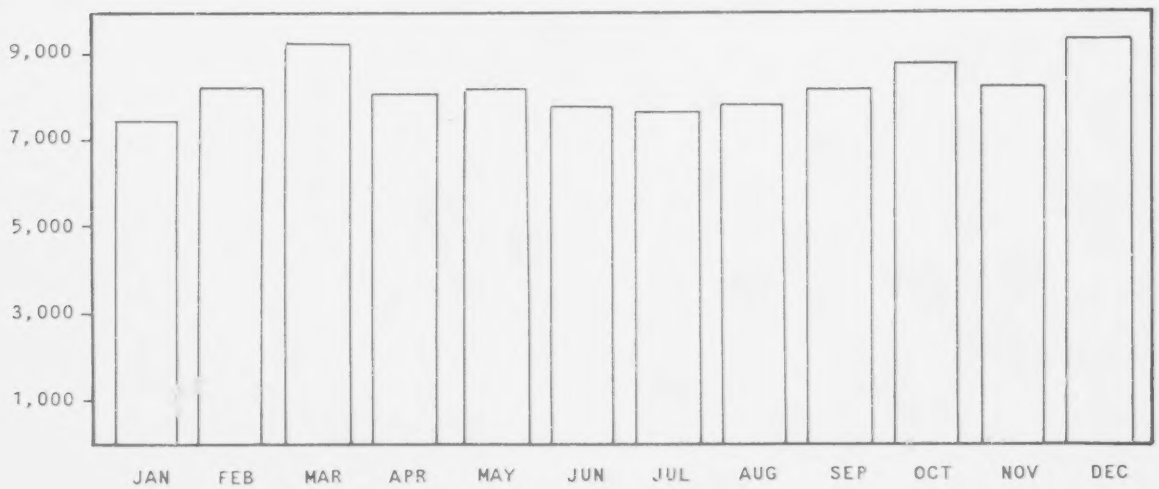
### TIME OF DAY




### DAY OF WEEK

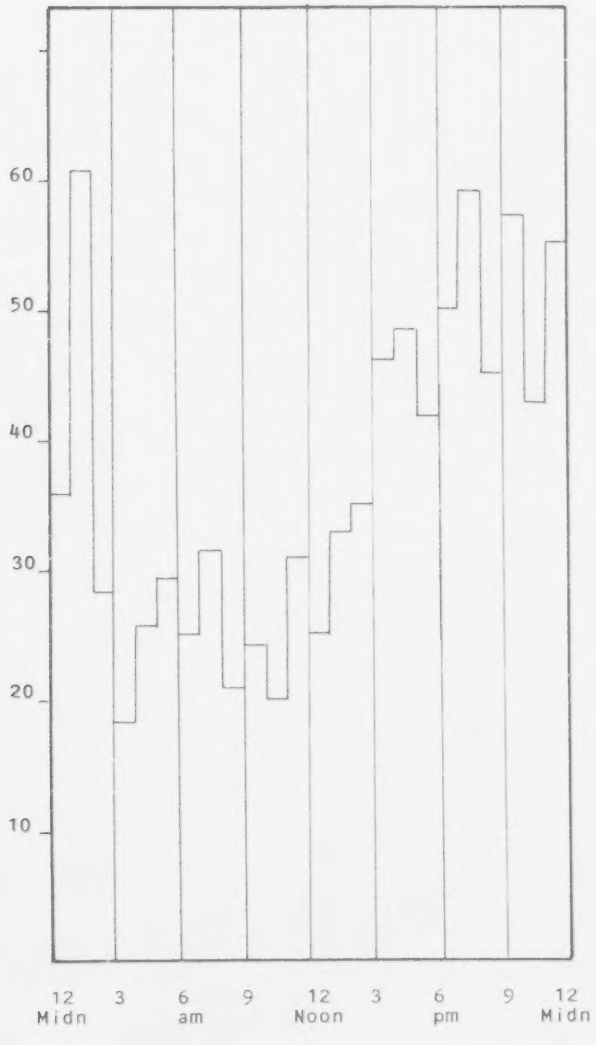



### MONTHLY

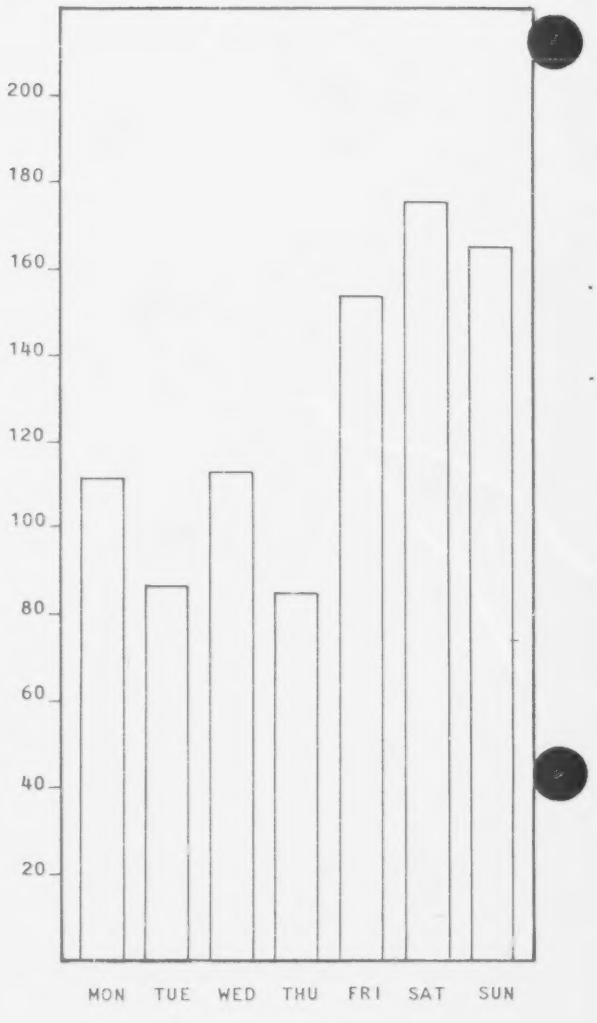


## Fatal Accidents

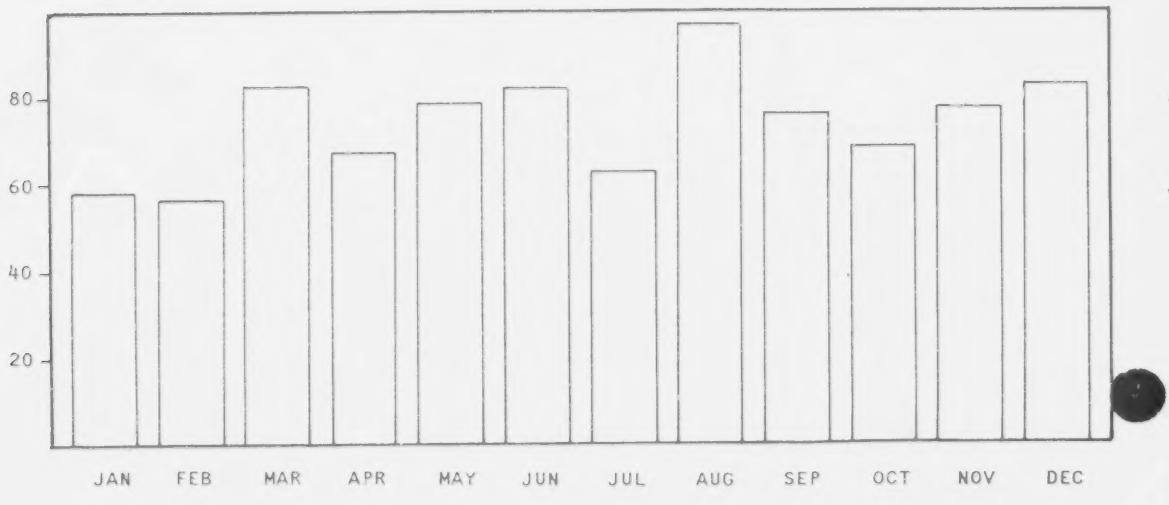
### TIME OF DAY




### DAY OF WEEK




### MONTHLY



## Multi-Vehicle Accident

| SEVERITY | Total | Head-On | Rear-End | Side-swipe Meeting | Side-swipe Passing | Left Turn | Other Angle | Backed Into | Other |
|---|---|---|---|---|---|---|---|---|---|
| All Acc. | 79,013 | 558 | 27,689 | 88 | 126 | 11,173 | 17,777 | 2,333 | 19,269 |
| Fatal Acc. | 370 | 55 | 43 | 0 | 1 | 55 | 125 | 1 | 90 |
| Injury Acc. | 29,617 | 296 | 11,684 | 14 | 16 | 5,388 | 7,438 | 140 | 4,641 |

## NUMBER OF VEHICLES INVOLVED

| Number Vehicles | Number of Accidents | Percent |
|---|---|---|
| 1 | 21,070 | 21.1 |
| 2 | 70,242 | 70.4 |
| 3 | 7,124 | 7.1 |
| 4 | 1,158 | 1.2 |
| 5+ | 215 | .2 |
| TOTALS | 99,809 | 100.00% |

## Vehicle Mix in Two-Vehicle Accidents

| VEHICLE TYPE | Passenger Car | Pick Up/Van | Truck | Bus | Motorcycle | Other Vehicle |
|---|---|---|---|---|---|---|
| Passenger Car | 79<br>31,362 | 85<br>21,895 | 22<br>1,190 | 2<br>334 | 33<br>1,792 | 22<br>3,985 |
| Pick Up/Van | | 17<br>4,402 | 11<br>480 | 0<br>123 | 20<br>642 | 11<br>1,442 |
| Truck | | | 2<br>84 | 0<br>11 | 2<br>24 | 2<br>132 |
| Bus | | | | 0<br>1 | 0<br>6 | 0<br>36 |
| Motorcycle | | | | | 3<br>39 | 3<br>101 |
| Other Vehicle | | | | | | 2<br>249 |

Legend: Fatal Accidents / Total Accidents

## HIT AND RUN ACCIDENTS

| HIT & RUN DRIVER INVOLVED | Number of Accidents | | | | Total Killed | Total Injured |
|---|---|---|---|---|---|---|
| | Total | Fatal | Injury | Property Damage | | |
| Yes | 10,067 | 44 | 2,570 | 7,453 | 46 | 3,547 |
| No | 89,742 | 845 | 37,081 | 51,816 | 961 | 58,919 |
| Totals | 99,809 | 889 | 39,651 | 59,269 | 1,007 | 62,466 |

# Environmental Conditions

| LIGHT CONDITION | Number of Accidents | | | | Number of Persons | |
|---|---|---|---|---|---|---|
| | Total | Fatal | Injury | Property Damage | Killed | Injured |
| Daylight | 68,079 | 378 | 26,439 | 41,262 | 423 | 41,031 |
| Dawn or Dusk | 4,481 | 51 | 1,874 | 2,556 | 55 | 2,996 |
| Darkness | 27,066 | 457 | 11,292 | 15,317 | 526 | 18,351 |
| Not Reported | 183 | 3 | 46 | 134 | 3 | 88 |
| Totals | 99,809 | 889 | 39,651 | 59,269 | 1,007 | 62,466 |

68% of all accidents happened during the day, however 55% of the fatal accidents occured at night.

| WEATHER CONDITION | Number of Accidents | | | | Number of Persons | |
|---|---|---|---|---|---|---|
| | Total | Fatal | Injury | Property Damage | Killed | Injured |
| Clear | 80,031 | 732 | 32,097 | 47,202 | 827 | 50,379 |
| Raining | 5,263 | 33 | 1,970 | 3,260 | 43 | 3,253 |
| Cloudy | 12,834 | 106 | 5,070 | 7,658 | 117 | 7,999 |
| Snowing | 564 | 2 | 125 | 437 | 2 | 216 |
| Strong Wind | 388 | 8 | 152 | 228 | 10 | 246 |
| Dust | 41 | 0 | 25 | 16 | 0 | 50 |
| Fog | 81 | 0 | 25 | 53 | 0 | 42 |
| Not Stated | 607 | 8 | 184 | 415 | 8 | 281 |
| Totals | 99,809 | 889 | 39,651 | 59,269 | 1,007 | 62,466 |

80% of the accidents took place in clear weather.

88% occured on dry pavement

| SURFACE CONDITION | Number of Accidents | | | | Number of Persons | |
|---|---|---|---|---|---|---|
| | Total | Fatal | Injury | Property Damage | Killed | Injured |
| Dry | 87,997 | 792 | 35,318 | 51,887 | 792 | 55,444 |
| Wet | 7,272 | 45 | 2,721 | 4,506 | 56 | 4,442 |
| Snowy or Icy | 1,014 | 3 | 270 | 741 | 3 | 444 |
| Other | 3,526 | 49 | 1,342 | 2,135 | 55 | 2,136 |
| Totals | 99,809 | 889 | 39,651 | 59,269 | 1,007 | 62,466 |

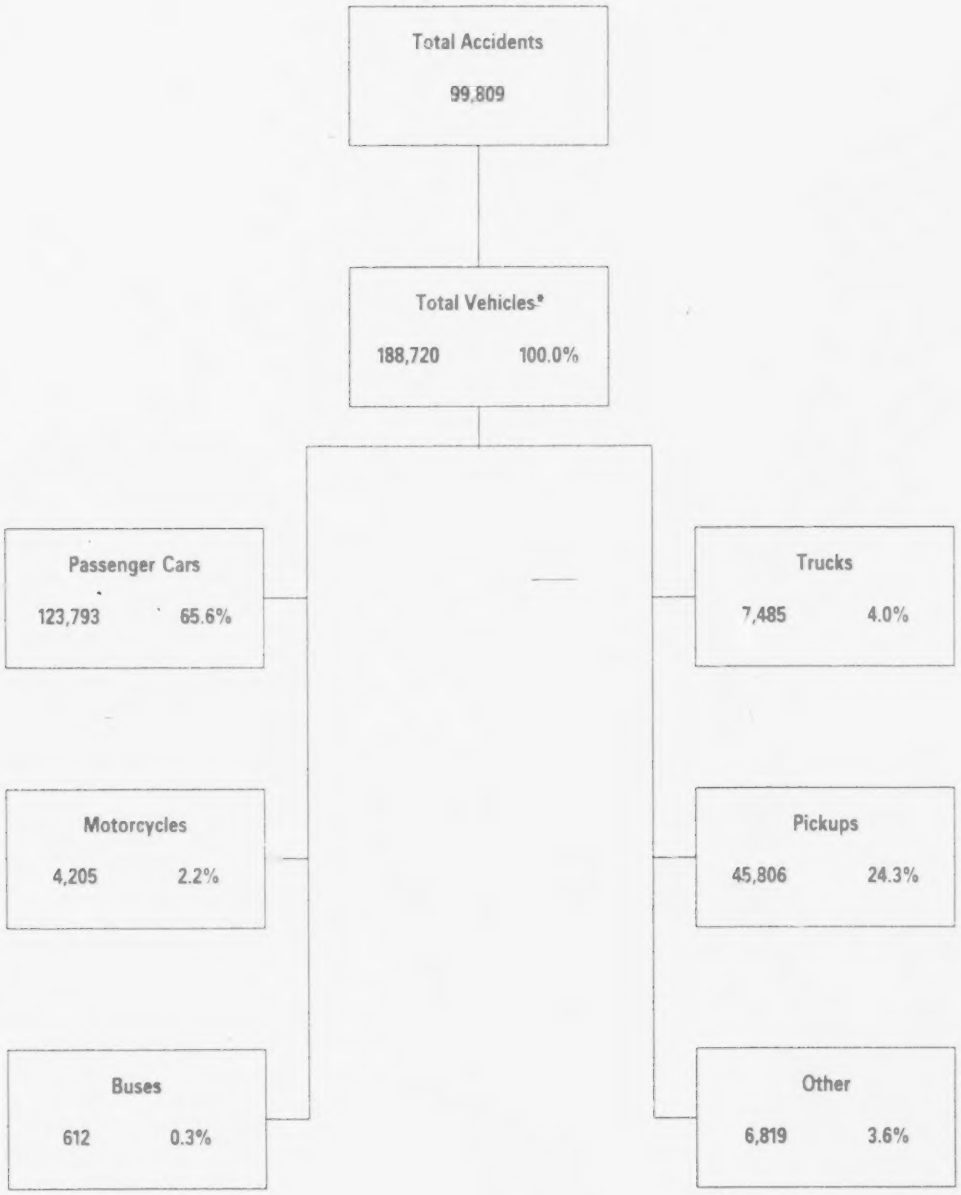
# ROAD CHARACTERISTICS

| SURFACE TYPE | Number of Accidents | | | | Number of Persons | |
|---|---|---|---|---|---|---|
| | Total | Fatal | Injury | Property Damage | Killed | Injured |
| Asphalt | 92,613 | 810 | 37,306 | 54,497 | 919 | 58,779 |
| Concrete | 4,101 | 21 | 1,242 | 2,838 | 25 | 1,882 |
| Gravel | 597 | 7 | 225 | 365 | 8 | 364 |
| Dirt | 1,830 | 41 | 661 | 1,128 | 45 | 1,110 |
| Other | 66 | 3 | 27 | 36 | 3 | 45 |
| Not Reported | 602 | 7 | 190 | 405 | 7 | 286 |
| Totals | 99,809 | 889 | 39,651 | 59,269 | 1,007 | 62,466 |

| GRADE | Number of Accidents | | | | Number of Persons | |
|---|---|---|---|---|---|---|
| | Total | Fatal | Injury | Property Damage | Killed | Injured |
| Level | 88,632 | 672 | 35,404 | 52,556 | 759 | 55,679 |
| Downgrade | 5,705 | 129 | 2,226 | 3,350 | 150 | 3,671 |
| Upgrade | 3,456 | 53 | 1,270 | 2,133 | 61 | 1,961 |
| Hillcrest | 350 | 10 | 152 | 188 | 11 | 243 |
| Dip | 241 | 5 | 97 | 139 | 5 | 142 |
| Not Reported | 1,425 | 20 | 502 | 903 | 21 | 770 |
| Totals | 99,809 | 889 | 39,651 | 59,269 | 1,007 | 62,466 |

| UNUSUAL ROAD CONDITION | Number of Accidents | | | | Number of Persons | |
|---|---|---|---|---|---|---|
| | Total | Fatal | Injury | Property Damage | Killed | Injured |
| No Unusual Condition | 94,334 | 845 | 37,732 | 55,757 | 958 | 59,390 |
| Under Construction Thru Traffic Allowed | 3,220 | 13 | 1,079 | 2,128 | 14 | 1,720 |
| Under Construction Traffic Detoured | 74 | 0 | 27 | 47 | 0 | 32 |
| Under Repairs | 198 | 4 | 71 | 123 | 5 | 110 |
| Holes, Ruts, Bumps | 751 | 13 | 331 | 407 | 14 | 557 |
| Obstruction Protected | 70 | 1 | 26 | 43 | 2 | 38 |
| Obstruction Unprotected | 98 | 0 | 30 | 68 | 0 | 40 |
| Obstruction Unlighted at Night | 46 | 2 | 15 | 29 | 2 | 23 |
| Defective Shoulders | 77 | 1 | 31 | 45 | 1 | 55 |
| Changing Road Width | 410 | 6 | 147 | 257 | 6 | 230 |
| Flooded | 212 | 2 | 63 | 147 | 2 | 100 |
| Temp. Road Closure | 315 | 2 | 99 | 218 | 3 | 171 |
| Totals | 99,809 | 889 | 39,651 | 59,269 | 1,007 | 62,466 |

# Motor Vehicle and Driver Characteristics



# Motor Vehicle Registration and Accident Involvement

## Motor Vehicle Registration

| | |
|---|---|
| Passenger Car | 1,632,604 |
| Commercial Vehicles | 308,185 |
| Non-Commercial (Pick Ups, Etc.) | 364,642 |
| Motorcycles | 78,233 |
| Other | 4,154 |
| TOTAL | 2,387,818 |

| TYPE OF MOTOR VEHICLE | All Accidents Number | % | Fatal Accidents | Injury Accidents | Property Damage |
|---|---|---|---|---|---|
| Passenger Car | 123,586 | 65.49 | 673 | 50,042 | 72,871 |
| Passenger Car and Trailer | 207 | .11 | 2 | 61 | 144 |
| Pick Up Truck (Incl. Panel & Mini Bus) | 43,161 | 22.87 | 343 | 16,006 | 26,812 |
| Pick Up Truck with Camper | 2,645 | 1.40 | 18 | 1,004 | 1,623 |
| Truck Tractor (Only) | 552 | .29 | 19 | 149 | 384 |
| Truck Tractor and Semi-Trailer | 2,483 | 1.30 | 52 | 647 | 1,754 |
| Med/Heavy Truck or Comb. | 4,480 | 2.37 | 33 | 1,380 | 3,067 |
| Farm Tractor and/or Farm Equipment | 34 | .02 | 0 | 16 | 18 |
| Taxicab | 142 | .08 | 0 | 58 | 84 |
| Bus | 612 | .32 | 3 | 186 | 423 |
| Motorcycle | 4,205 | 2.23 | 110 | 3,536 | 559 |
| Motor Scooter, Motor Bicycle | 68 | .04 | 0 | 62 | 6 |
| Moped | 49 | .03 | 0 | 43 | 6 |
| Recreational Vehicle | 3,149 | 1.67 | 41 | 1,301 | 1,807 |
| Motor Home or House Car | 386 | .20 | 5 | 108 | 273 |
| Emergency Vehicle (Inc. Privately Owned) | 116 | .06 | 2 | 51 | 63 |
| Other Type Vehicle | 213 | .11 | 1 | 98 | 114 |
| Vehicle Type Not Reported | 2,662 | 1.41 | 32 | 524 | 2,106 |
| TOTALS | 188,720 | 100.00% | 1,334 | 75,272 | 112,114 |

## Licensed Drivers in Arizona

(VALID LICENSES ONLY)

| AGE GROUP | Male | | Female | | Total | | |
|---|---|---|---|---|---|---|---|
| | Number | Percent | Number | Percent | Number | Percent | Cumulative Percent |
| *15-16 | 16,427 | 1.5 | 14,453 | 1.4 | 30,880 | 1.4 | 1.4 |
| 17-18 | 37,644 | 3.3 | 33,375 | 3.2 | 71,019 | 3.3 | 4.7 |
| 19-20 | 41,688 | 3.7 | 38,102 | 3.6 | 79,790 | 3.7 | 8.4 |
| 21-24 | 104,968 | 9.3 | 99,324 | 9.4 | 204,292 | 9.3 | 17.7 |
| 25-34 | 286,839 | 25.4 | 266,602 | 25.2 | 553,441 | 25.3 | 43.0 |
| 35-44 | 226,817 | 20.1 | 207,583 | 19.6 | 434,400 | 19.9 | 62.9 |
| 45-54 | 143,188 | 12.7 | 133,404 | 12.6 | 276,592 | 12.7 | 75.6 |
| 55-64 | 123,423 | 10.9 | 122,301 | 11.6 | 245,724 | 11.2 | 86.8 |
| 65-70 | 57,560 | 5.1 | 56,963 | 5.4 | 114,523 | 5.2 | 92.0 |
| 71 & Up | 90,565 | 8.0 | 85,239 | 8.0 | 175,804 | 8.0 | 100.0 |
| TOTAL | 1,129,119 | 100.0 | 1,057,346 | 100.0 | **2,186,465 | 100.0 | 100.0 |

* Age 15 is Instruction Permit only,(4,299 individuals).
** 15,353 Instruction Permits are included in this category.

## Driver Errors Causing Accidents

| CONTRIBUTING CIRCUMSTANCES | All Accidents | | Fatal Accidents | | Injury Accidents | |
|---|---|---|---|---|---|---|
| | Number of Cases | % (of Units) | Number of Cases | % (of Units) | Number of Cases | % (of Units) |
| Speed Too Fast for Conditions | 34,193 | 18.1 | 296 | 22.2 | 14,867 | 19.8 |
| Exceeded Lawful Speed Limit | 2,680 | 1.4 | 113 | 8.5 | 1,331 | 1.8 |
| Failed to Yield Right-of-Way | 24,434 | 12.9 | 97 | 7.3 | 10,509 | 14.0 |
| Ran Stop Sign | 1,799 | 0.9 | 48 | 3.6 | 927 | 1.2 |
| Disregarded Traffic Signal | 4,619 | 2.4 | 43 | 3.2 | 2,401 | 3.2 |
| Drove Left of Center | 2,092 | 1.1 | 82 | 6.1 | 923 | 1.2 |
| Followed to Closely | 2,684 | 1.4 | 0 | 0 | 981 | 1.3 |
| Made Improper Turn | 4,520 | 2.4 | 16 | 1.2 | 1,292 | 1.7 |
| Inattention | 23,089 | 12.2 | 180 | 13.5 | 9,115 | 12.1 |
| Other Improper Action | 17,557 | 9.3 | 126 | 9.4 | 4,951 | 6.6 |
| No Improper Action | 78,743 | 41.7 | 470 | 35.2 | 34,914 | 46.4 |
| Not Reported | 618 | 0.3 | 2 | 0.2 | 184 | 0.2 |
| Total Contributing Circumstances | 196,410 | ** | 1,473 | ** | 82,395 | ** |
| Number of Units | 182,940 | | 1,334 | | 75,269 | |

** Totals more than 100% because of multiple errors

## Physical Condition of Driver

| DRIVER DEFECTS | All Accidents | | Fatal Accidents | | Injury Accidents | |
|---|---|---|---|---|---|---|
| | Number of Cases | % (of Units) | Number of Cases | % (of Units) | Number of Cases | % (of Units) |
| Had Been Drinking | 11,240 | 7.3 | 366 | 26.5 | 5,939 | 7.5 |
| ILL, Ability Influenced | 332 | 0.2 | 4 | 0.3 | 198 | 0.3 |
| Other Bodily Defects | 513 | 0.3 | 5 | 0.4 | 186 | 0.3 |
| Influence of Narcotic Drugs | 406 | 0.2 | 9 | 0.7 | 210 | 0.3 |
| Sleepy, Fatigued | 2,113 | 1.2 | 90 | 6.5 | 1,138 | 1.5 |
| No Apparent Defects | 155,710 | 85.1 | 642 | 46.4 | 62,314 | 82.8 |
| Not Reported | 13,422 | 7.3 | 267 | 19.3 | 5,655 | 7.5 |
| Total Defects | 183,736 | ** | 1,383 | ** | 75,690 | ** |
| Number of Units | 182,940 | | 1,334 | | 75,263 | |

** Totals more than 100% because of multiple errors

# DRIVER CHARACTERISTICS

| AGE GROUP | Involved in All Accidents | | Involved in Fatal Accidents | | Involved in Injury Accidents | |
|---|---|---|---|---|---|---|
| | Number | Percent | Number | Percent | Number | Percent |
| 15 & Younger | 621 | .3 | 7 | .5 | 287 | .4 |
| 16 | 4,346 | 2.3 | 30 | 2.2 | 1,788 | 2.4 |
| 17 | 5,420 | 2.9 | 41 | 3.1 | 2,257 | 3.0 |
| 18 | 6,647 | 3.5 | 44 | 3.3 | 2,853 | 3.8 |
| 19 | 6,432 | 3.4 | 37 | 2.8 | 2,732 | 3.6 |
| 20 | 6,268 | 3.3 | 44 | 3.3 | 2,688 | 3.6 |
| 21 | 6,730 | 3.6 | 46 | 3.4 | 2,890 | 3.8 |
| 22 | 6,779 | 3.6 | 48 | 3.6 | 2,834 | 3.8 |
| 23 | 6,463 | 3.4 | 56 | 4.2 | 2,728 | 3.6 |
| 24 | 6,399 | 3.4 | 38 | 2.8 | 2,622 | 3.5 |
| 25-34 | 47,954 | 25.4 | 353 | 26.5 | 19,644 | 26.1 |
| 35-44 | 28.049 | 14.7 | 202 | 15.1 | 11,356 | 15.1 |
| 45-54 | 14,922 | 7.9 | 116 | 8.7 | 6,077 | 8.1 |
| 55-64 | 11,566 | 6.1 | 74 | 5.5 | 4,645 | 6.2 |
| 65-74 | 8,281 | 4.4 | 74 | 5.5 | 3,388 | 4.5 |
| 75 & Up | 4,055 | 2.1 | 50 | 3.7 | 1,668 | 2.2 |
| Not Reported | 17,788 | 9.4 | 74 | 5.5 | 4,815 | 6.4 |
| Totals | 188,720 | 100.0 | 1,334 | 100.0 | 75,272 | 100.0 |

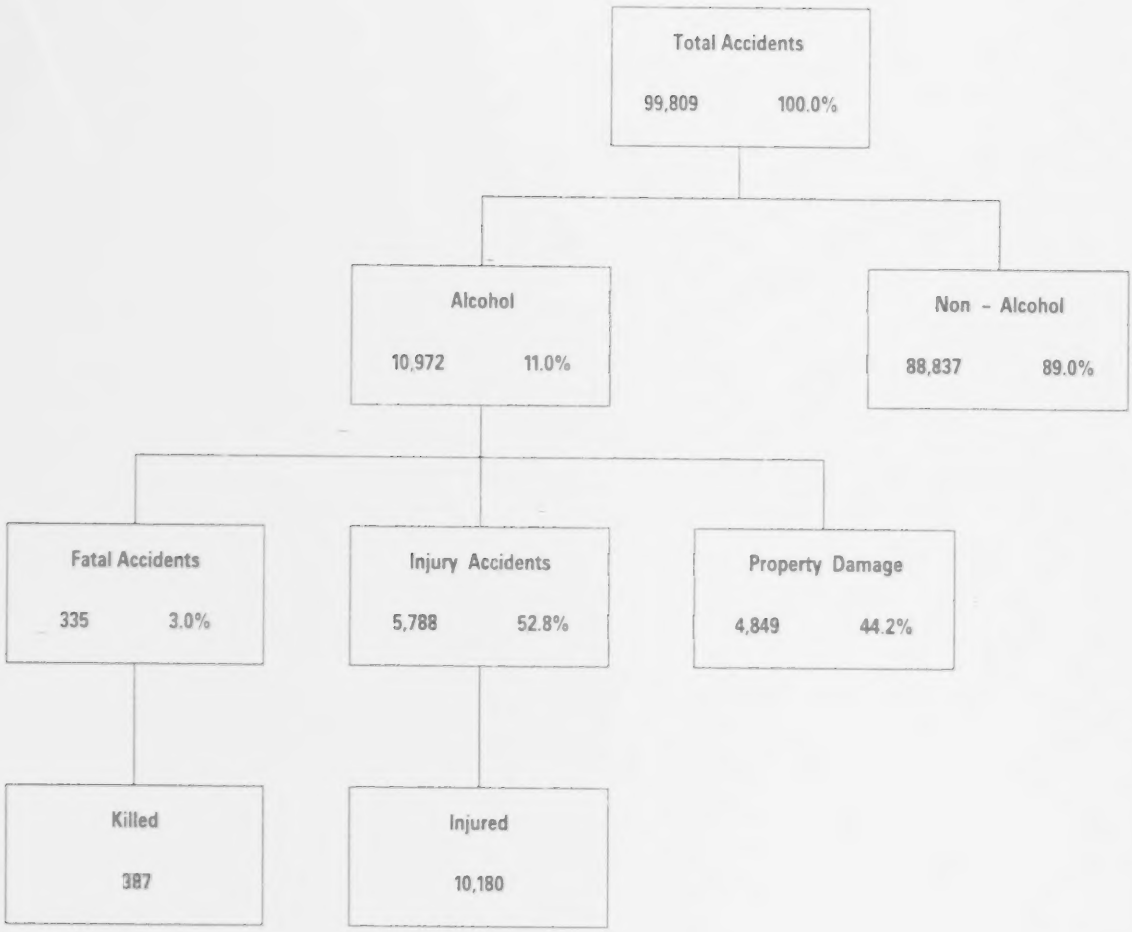
| SEX OF DRIVER | Involved in All Accidents | | Involved in Fatal Accidents | | Involved in Injury Accidents | |
|---|---|---|---|---|---|---|
| | Number | Percent | Number | Percent | Number | Percent |
| Male | 114,638 | 60.7 | 973 | 72.9 | 46,082 | 61.2 |
| Female | 62,009 | 32.9 | 304 | 22.8 | 26,499 | 35.2 |
| Not Reported | 12,073 | 6.4 | 57 | 4.3 | 2,691 | 3.6 |
| Totals | 188,720 | 100.0 | 1,334 | 100.0 | 75,272 | 100.0 |

| RESIDENCE OF DRIVER | Involved in All Accidents | | Involved in Fatal Accidents | | Involved in Injury Accidents | |
|---|---|---|---|---|---|---|
| | Number | Percent | Number | Percent | Number | Percent |
| AZ Resident | 148,581 | 78.7 | 1,017 | 76.2 | 61,217 | 81.3 |
| Non-Resident | 19,856 | 10.5 | 200 | 15.0 | 7,835 | 10.4 |
| Not Reported | 20,283 | 10.8 | 117 | 8.8 | 6,220 | 8.3 |
| Totals | 188,720 | 100.0 | 1,334 | 100.0 | 75,272 | 100.0 |

# Drivers and Occupants Killed and Injured

| TYPE OF MOTOR VEHICLE | Drivers | | Occupants | |
|---|---|---|---|---|
| | Total Killed | Total Injured | Total Killed | Total Injured |
| Passenger Car | 270 | 25,634 | 190 | 14,624 |
| Passenger Car and Trailer | 0 | 30 | 2 | 31 |
| Pick Up & Panel Trucks | 101 | 7,016 | 74 | 4,326 |
| Pick Up Truck with Camper | 7 | 460 | 3 | 338 |
| Truck Tractor (Only) | 2 | 52 | 1 | 18 |
| Truck Tractor and Semi Trailer | 6 | 212 | 3 | 76 |
| Med/Heavy Truck or combination | 3 | 384 | 6 | 206 |
| Farm Tractor and/or Equipment | 0 | 10 | 0 | 1 |
| Taxicab | 0 | 31 | 0 | 19 |
| Bus | 0 | 32 | 0 | 194 |
| Motorcycle | 95 | 3,418 | 9 | 501 |
| Motor Scooter, Motor Bicycle | 0 | 58 | 0 | 14 |
| Moped | 0 | 41 | 0 | 6 |
| Recreational Vehicle | 19 | 603 | 15 | 454 |
| Motor Home | 1 | 29 | 0 | 40 |
| Emergency Vehicle | 1 | 23 | 0 | 13 |
| Other Type of Vehicle | 0 | 41 | 0 | 11 |
| Vehicle Type Not Stated | 4 | 76 | 3 | 46 |
| Totals | 509 | 38,150 | 306 | 20,918 |

# Alcohol – Related Accidents




The statistics in the Alcohol-Related section represent only those accidents where the investigating officer indicated that a person had been drinking an alcoholic beverage and may or may not have been substantiated by blood or breath tests. Also, no assumption is to be made that the person was legally intoxicated (blood alcohol content of 0.1% or higher).

# Alcohol Related Accidents and Fatalities

| YEAR | Total Alcohol Related Accidents | Percent of All Accidents | Persons Killed | Percent of All Killed |
|---|---|---|---|---|
| 1982 | 9,839 | 14.4 | 246 | 34.0 |
| 1983 | 9,361 | 12.2 | 230 | 34.1 |
| 1984 | 10,802 | 12.3 | 285 | 32.8 |
| 1985 | 10,599 | 11.4 | 325 | 36.4 |
| 1986 | 10,972 | 11.0 | 387 | 38.4 |

Improved reporting of blood alcohol content is having a noticeable affect on the percentage of alcohol related deaths. Actual alcohol involvement in fatal accidents is higher than reported.

* In the 10,972 accidents involving alcohol, 11,240 drivers had been drinking

| AGE OF DRIVER | Number of Drivers | Percent of Total | Number of of Drivers in Fatal Accidents | Number of Drivers in Nonfatal Injury Accidents |
|---|---|---|---|---|
| 15 | 34 | 0.3 | 2 | 16 |
| 16 | 123 | 1.1 | 6 | 65 |
| 17 | 236 | 2.1 | 11 | 121 |
| 18 | 351 | 3.1 | 20 | 178 |
| 19 | 420 | 3.7 | 14 | 242 |
| 20 | 529 | 4.7 | 15 | 292 |
| 21 | 591 | 5.3 | 19 | 320 |
| 22 | 541 | 4.8 | 16 | 290 |
| 23 | 573 | 5.1 | 27 | 308 |
| 24 | 535 | 4.8 | 13 | 279 |
| 25-34 | 3,859 | 34.3 | 123 | 2,086 |
| 35-44 | 2,199 | 19.6 | 61 | 1,088 |
| 45-54 | 686 | 6.1 | 19 | 374 |
| 55-64 | 362 | 3.2 | 8 | 180 |
| 65-74 | 175 | 1.6 | 6 | 89 |
| 75 & Older | 26 | 0.2 | 1 | 11 |
| Totals | 11,240 | 100.0 | 361 | 5,939 |

| SEX OF DRIVER | Number of Drivers | Number of Drivers in Fatal Accidents | Number of Drivers in Nonfatal Injury Accidents |
|---|---|---|---|
| Male | 9,350 | 309 | 4,931 |
| Female | 1,696 | 50 | 960 |
| Not Reported | 194 | 2 | 48 |
| Totals | 11,240 | 361 | 5,939 |

* 83% OF THE DRINKING DRIVERS WERE MALE.

# Drinking Drivers Involved in Accidents

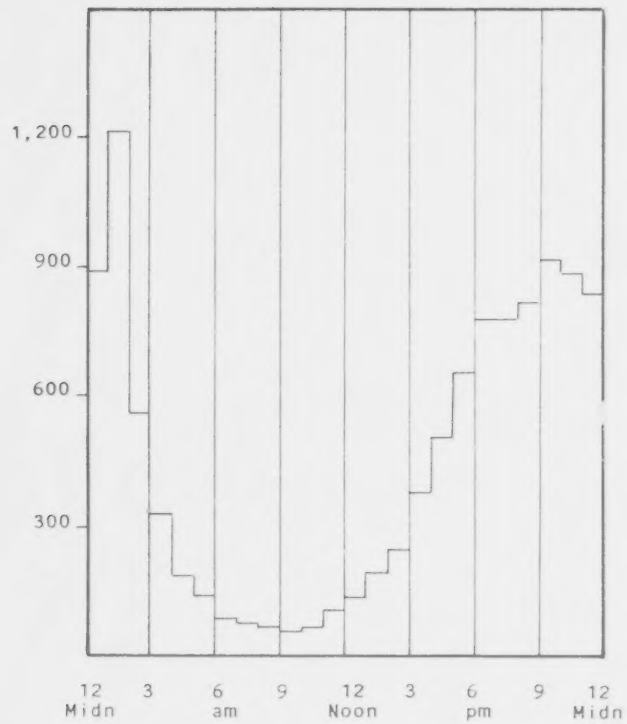
| TYPE OF MOTOR VEHICLE ACCIDENT | Total | Fatal | Non-Fatal Injury | Property Damage |
|---|---|---|---|---|
| Overturning | 543 | 55 | 354 | 134 |
| Other Non-Collision | 318 | 15 | 210 | 93 |
| Pedestrian | 104 | 24 | 80 | 0 |
| Motor Vehicle in Transport | 5,909 | 138 | 3,235 | 2,536 |
| Motor Vehicle on Other Roadway | 3 | 0 | 2 | 1 |
| Parked Motor Vehicle | 796 | 5 | 293 | 498 |
| Railway Train | 7 | 2 | 4 | 1 |
| Pedalcyclist | 32 | 2 | 30 | 0 |
| Animal | 21 | 0 | 13 | 8 |
| Fixed Object | 3,212 | 94 | 1,558 | 1,560 |
| Other Object | 27 | 0 | 9 | 18 |
| Totals | 10,972 | 335 | 5,788 | 4,849 |

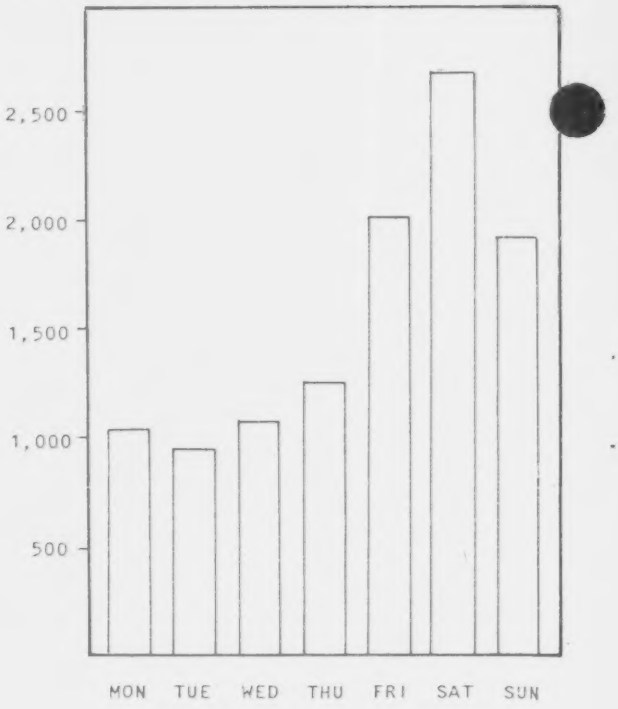
| LIGHT CONDITION | Number of Accidents | Number of Fatal Accidents | Number of Nonfatal Injury Accidents | |
|---|---|---|---|---|
| Daylight | 2,959 | 92 | 1,517 | 1,350 |
| Dawn or Dusk | 501 | 17 | 270 | 214 |
| Darkness | 7,504 | 226 | 3,996 | 3,282 |
| Not Stated | 8 | 0 | 5 | 3 |
| Totals | 10,972 | 335 | 5,788 | 4,849 |

* 68% of the Alcohol Involved Accidents occured in darkness.

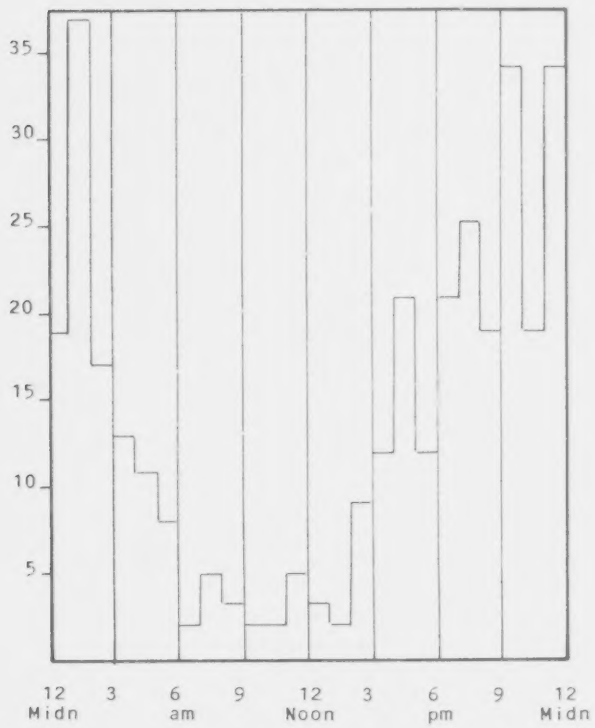
| ROAD SURFACE CONDITION | Total | Fatal | Non-Fatal Injury | Property Damage |
|---|---|---|---|---|
| Dry | 9,579 | 290 | 5,098 | 4,191 |
| Wet | 790 | 19 | 382 | 389 |
| Snowy or Icy | 37 | 0 | 13 | 24 |
| Other | 566 | 26 | 295 | 245 |
| Totals | 10,972 | 335 | 5,788 | 4,849 |

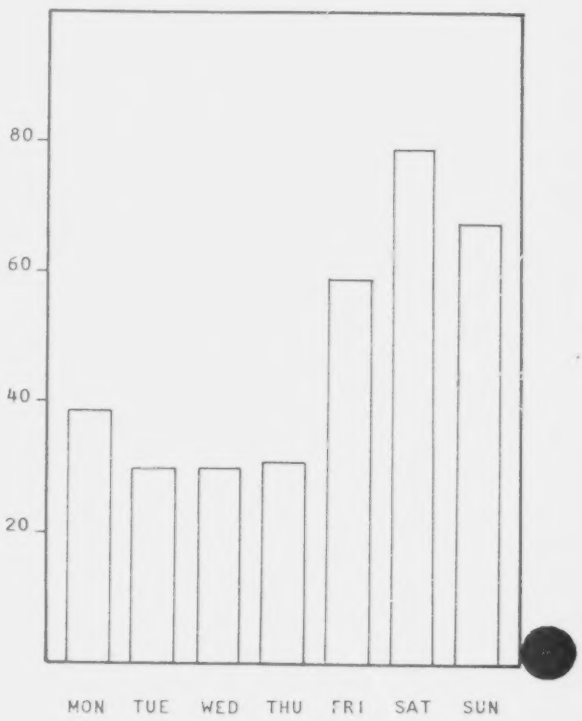
## Total Accidents Involving Drinking Drivers



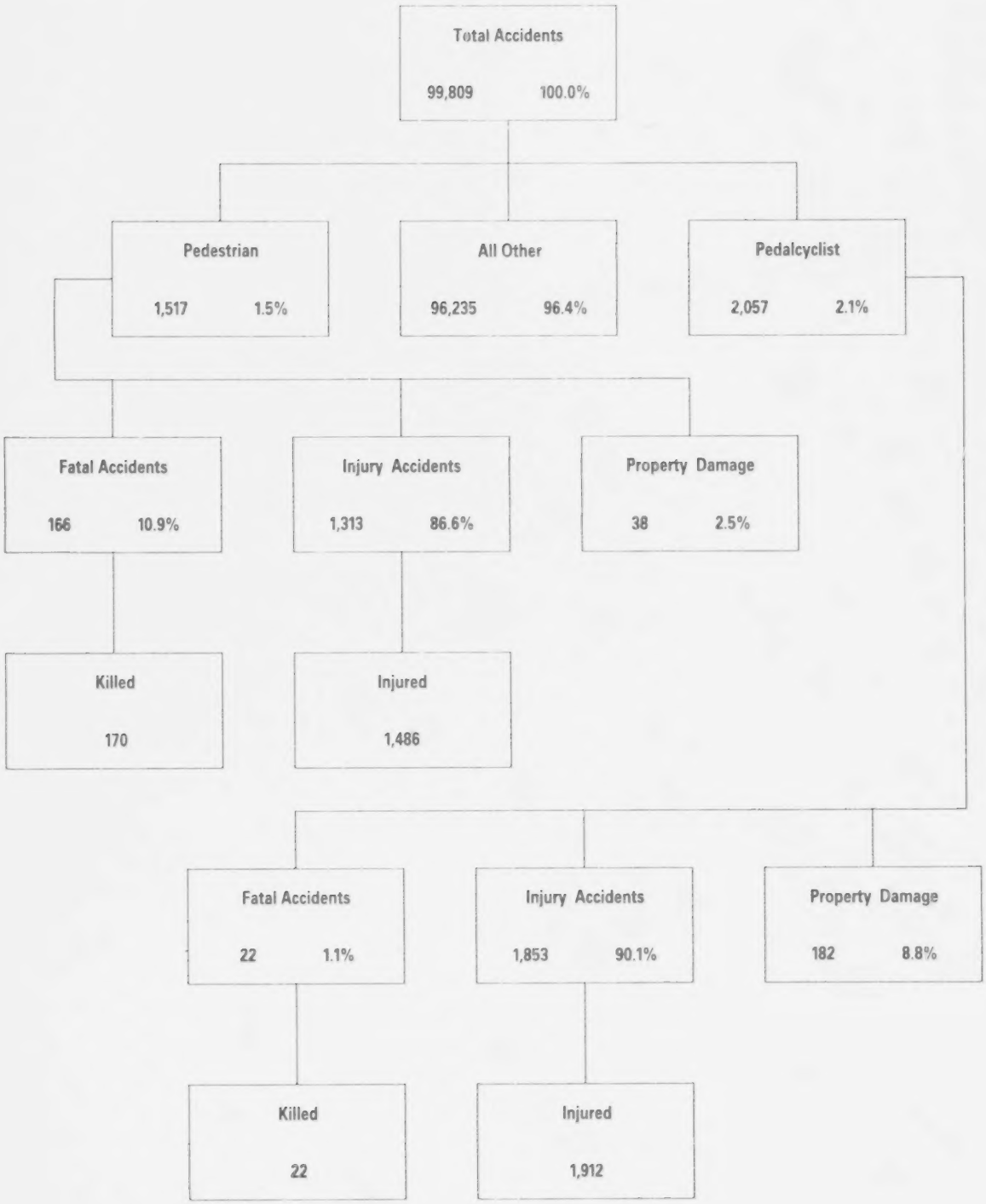




## Fatal Accidents Involving Drinking Drivers

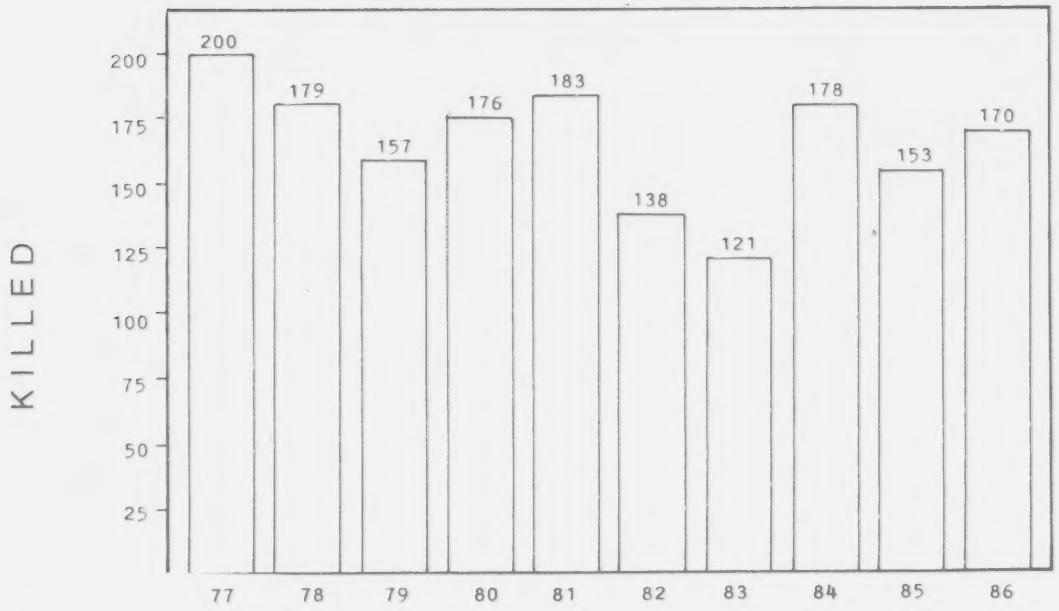


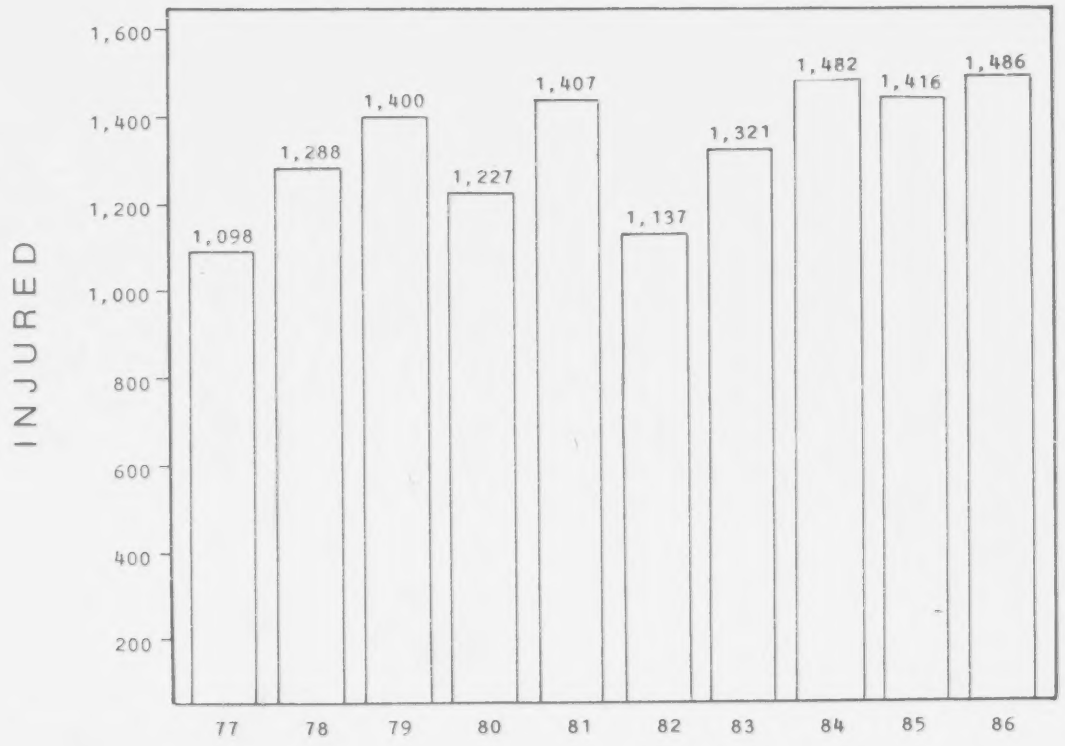



# Pedestrian and Pedalcyclist Accidents



## Pedestrians Killed and Injured



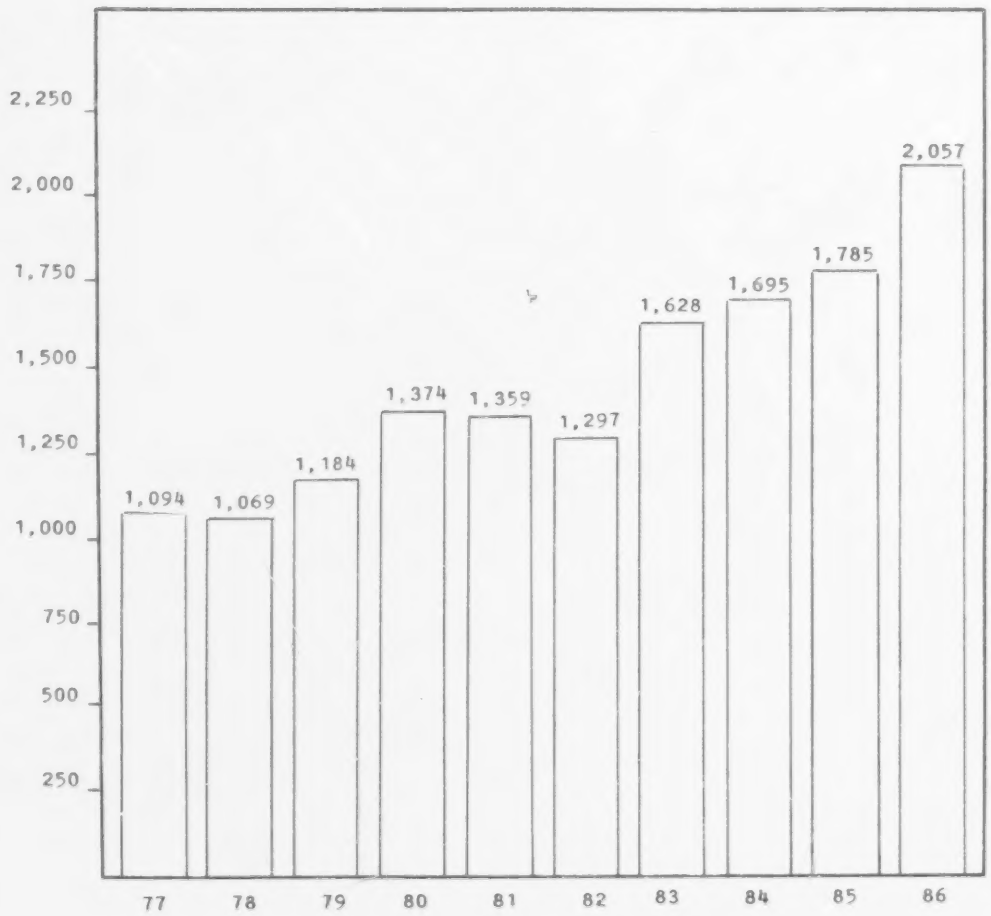
# Pedestrian Accidents

| PEDESTRIAN ACTION | AGE OF PEDESTRIANS KILLED | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | TOTALS | 0-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-44 | 45-64 | 65+ | Unk. |
| X-ing at Intersection or X-walk | 13 | 0 | 1 | 2 | 1 | 0 | 1 | 1 | 5 | 2 |
| X-ing Not at Intersection or X-walk | 78 | 3 | 6 | 0 | 5 | 7 | 17 | 15 | 17 | 8 |
| Walking in Rdwy with Traffic | 9 | 0 | 0 | 0 | 1 | 3 | 3 | 1 | 0 | 1 |
| Walking in Rdwy against Traffic | 6 | 0 | 0 | 0 | 1 | 1 | 3 | 1 | 0 | 0 |
| Standing in Rdwy | 11 | 1 | 0 | 0 | 1 | 0 | 3 | 2 | 1 | 3 |
| Pushing or Working on Vehicle in Rd | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Other Working in Rdwy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Playing in Rdwy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lying in Rdwy | 6 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 2 |
| Getting on or off Vehicle in Rdwy | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Other Actions in Rdwy | 17 | 2 | 0 | 1 | 2 | 2 | 8 | 1 | 0 | 1 |
| Not in Rdwy | 12 | 0 | 0 | 0 | 3 | 2 | 4 | 1 | 2 | 0 |
| Not Stated | 16 | 2 | 0 | 0 | 3 | 1 | 4 | 6 | 0 | 0 |
| TOTALS | 170 | 8 | 7 | 3 | 17 | 18 | 46 | 29 | 25 | 17 |

| PEDESTRIAN ACTION | AGE OF PEDESTRIANS INJURED | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | TOTALS | 0-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-44 | 45-64 | 65+ | Unk. |
| X-ing at Intersection or X-walk | 317 | 5 | 25 | 50 | 42 | 28 | 73 | 38 | 31 | 25 |
| X-ing Not at Intersection or X-walk | 664 | 39 | 100 | 92 | 61 | 51 | 156 | 63 | 49 | 53 |
| Walking in Rdwy with Traffic | 57 | 0 | 0 | 4 | 9 | 10 | 22 | 6 | 4 | 2 |
| Walking in Rdwy against Traffic | 47 | 1 | 3 | 2 | 8 | 12 | 10 | 5 | 3 | 3 |
| Standing in Rdwy | 85 | 7 | 5 | 3 | 4 | 13 | 29 | 12 | 0 | 12 |
| Pushing or Working on Vehicle in Rd | 17 | 0 | 1 | 0 | 3 | 2 | 5 | 5 | 1 | 0 |
| Other Working in Rdwy | 6 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 2 |
| Playing in Rdwy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lying in Rdwy | 4 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 0 |
| Getting on or off Vehicle in Rdwy | 9 | 0 | 0 | 0 | 5 | 0 | 2 | 1 | 0 | 1 |
| Other Actions in Rdwy | 136 | 16 | 23 | 10 | 13 | 11 | 28 | 17 | 6 | 12 |
| Not in Rdwy | 102 | 5 | 3 | 10 | 16 | 10 | 30 | 7 | 3 | 18 |
| Not Stated | 42 | 3 | 1 | 3 | 7 | 6 | 11 | 4 | 4 | 3 |
| Totals | 1,486 | 77 | 162 | 174 | 170 | 145 | 369 | 159 | 101 | 129 |

## Pedalcycle Accidents

| YEAR | Number of Persons | |
|---|---|---|
| | Total Killed | Total Injured |
| 1977 | 19 | 1,016 |
| 1978 | 18 | 1,076 |
| 1979 | 14 | 1,197 |
| 1980 | 19 | 1,377 |
| 1981 | 15 | 1,370 |
| 1982 | 28 | 1,291 |
| 1983 | 13 | 1,487 |
| 1984 | 24 | 1,540 |
| 1985 | 18 | 1,618 |
| 1986 | 22 | 1,912 |



## Pedalcycle Accidents

| STATEWIDE | Total | Urban | Rural |
|---|---|---|---|
| Number of Accidents | 2,057 | 1,893 | 184 |
| Persons Killed | 22 | 15 | 7 |
| Persons Injured | 1,912 | 1,751 | 161 |
| Property Damage Only | 182 | 170 | 12 |

## Sex and Age of Pedalcyclist Killed and Injured

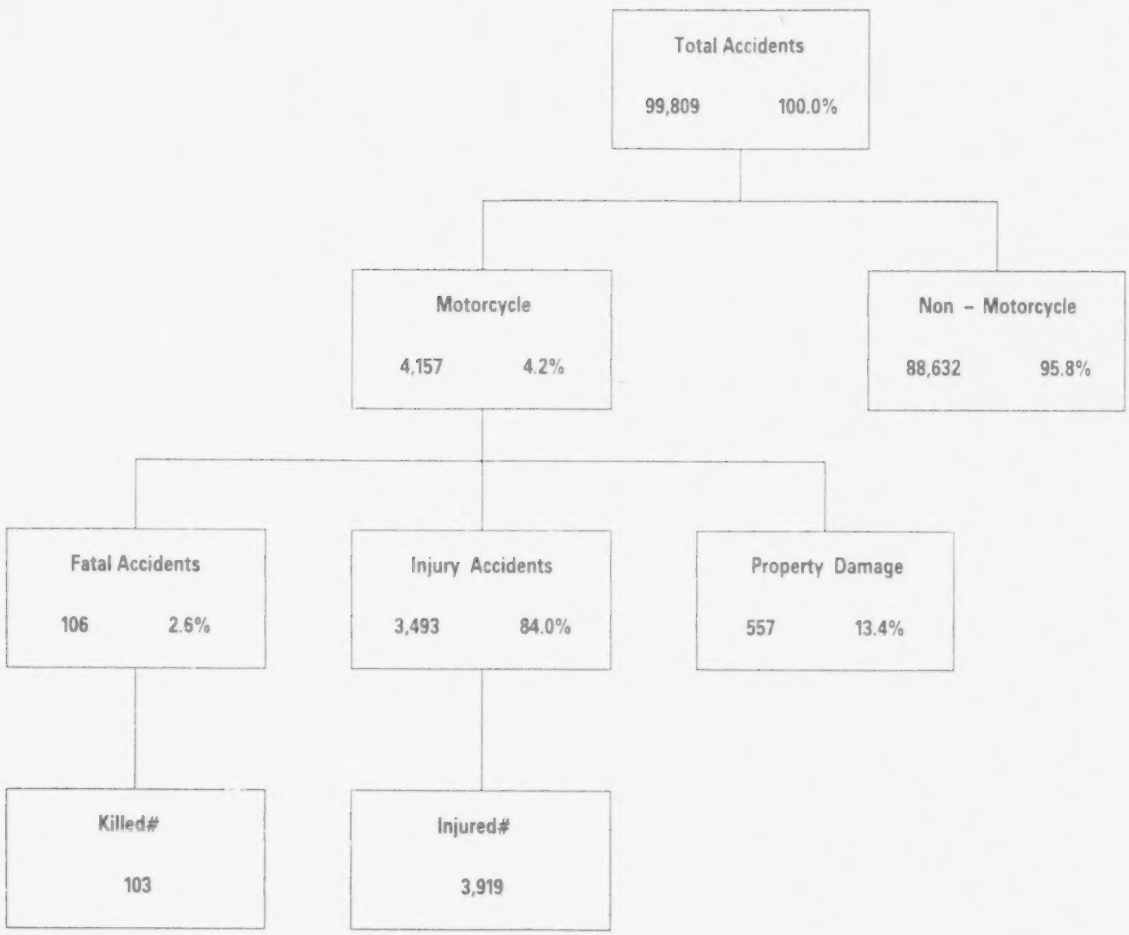
| AGE GROUP | Killed | | | Injured | | | |
|---|---|---|---|---|---|---|---|
| | Total | Male | Female | Total | Male | Female | Not Stated |
| 0-4 | 1 | 1 | 0 | 21 | 17 | 4 | 0 |
| 5-9 | 4 | 3 | 1 | 186 | 145 | 41 | 0 |
| 10-14 | 3 | 3 | 0 | 410 | 303 | 106 | 1 |
| 15-19 | 4 | 4 | 0 | 371 | 284 | 86 | 1 |
| 20-24 | 4 | 4 | 0 | 306 | 210 | 96 | 0 |
| 25-34 | 3 | 2 | 1 | 294 | 222 | 72 | 0 |
| 35-44 | 2 | 2 | 0 | 89 | 65 | 24 | 0 |
| 45-54 | 0 | 0 | 0 | 37 | 33 | 4 | 0 |
| 55-64 | 1 | 0 | 1 | 28 | 21 | 7 | 0 |
| 65-74 | 0 | 0 | 0 | 14 | 14 | 0 | 0 |
| 75 & Over | 0 | 0 | 0 | 14 | 11 | 3 | 0 |
| Age Not Stated | 0 | 0 | 0 | 142 | 109 | 33 | 0 |
| Totals | 22 | 19 | 3 | 1,912 | 1,434 | 476 | 2 |

## Physical Condition and Injury Level of Pedestrians and Pedalcyclists

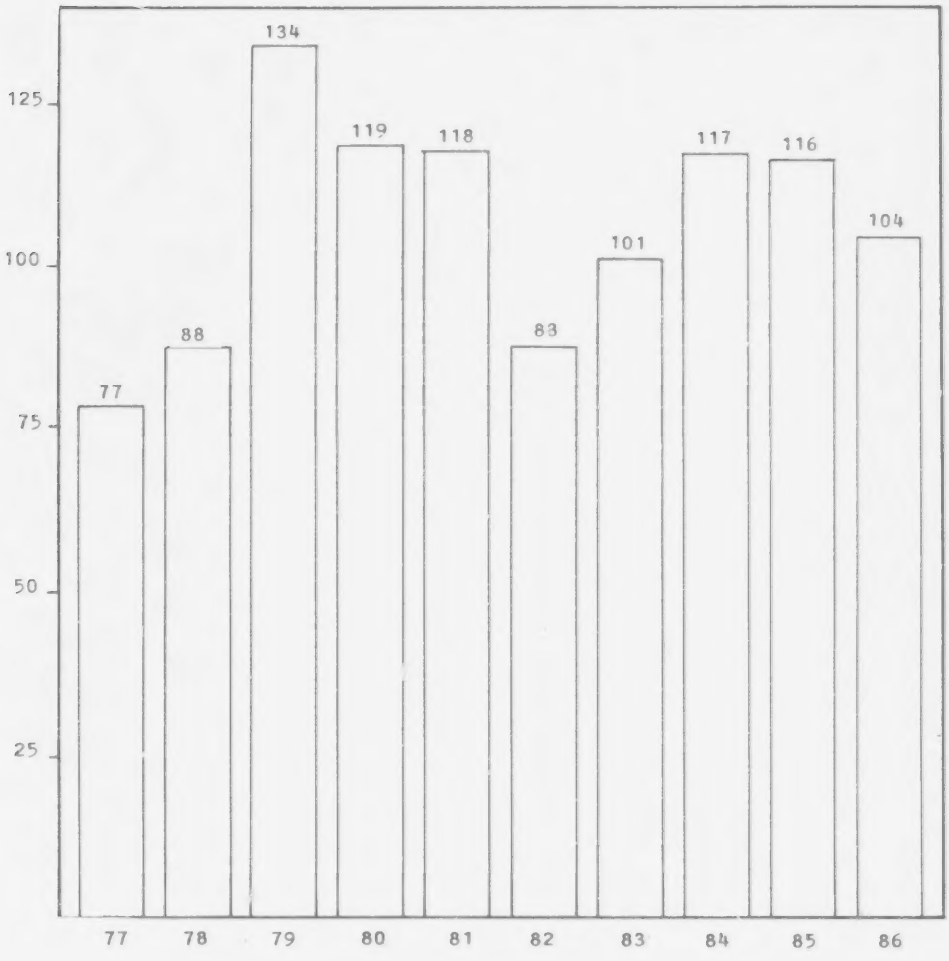
| | No Injury | Possible Injury | Non-Incapacitating Injury | Incapacitating Injury | Fatal | Not Reported |
|---|---|---|---|---|---|---|
| Ability Impaired | 3<br>4 | 34<br>11 | 64<br>21 | 145<br>19 | 56<br>0 | 0<br>0 |
| Bodily Defects | 0<br>0 | 3<br>3 | 7<br>8 | 12<br>1 | 1<br>0 | 0<br>0 |
| ILL | 1<br>0 | 0<br>0 | 3<br>0 | 5<br>0 | 0<br>0 | 0<br>0 |
| Sleepy / Fatigued | 1<br>0 | 1<br>0 | 1<br>1 | 1<br>0 | 0<br>0 | 0<br>0 |
| Narcotics | 0<br>0 | 3<br>0 | 1<br>0 | 0<br>0 | 1<br>0 | 0<br>0 |
| No Defects | 27<br>143 | 170<br>394 | 373<br>892 | 414<br>391 | 38<br>16 | 8<br>9 |
| Not Reported | 8<br>27 | 48<br>33 | 89<br>57 | 112<br>38 | 74<br>3 | 10<br>13 |

Legend: Pedestrians
Pedalcyclists

# Motorcycle Accidents



# Motorcycle Fatalities

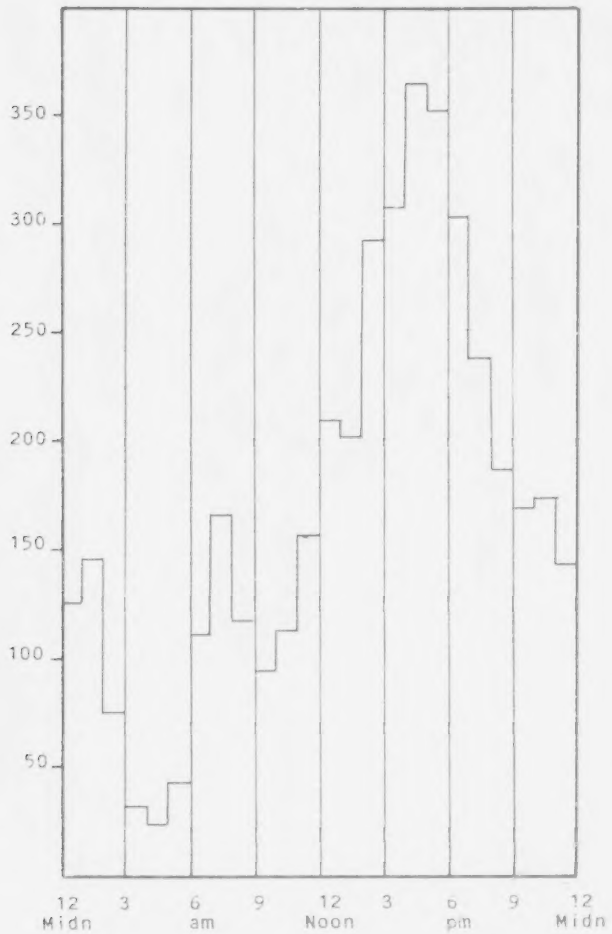



• *Helmet law repealed May 27, 1976*

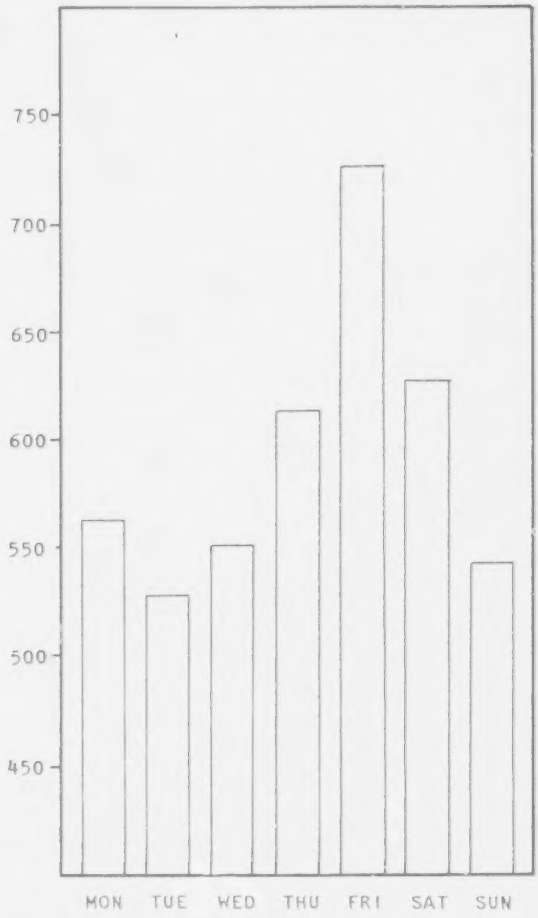
| DRIVERS | Number of Drivers | % Usage | Number Killed | % Killed in Category | % Total Dr. Killed |
|---|---|---|---|---|---|
| Helmet Used | 1,282 | 30.5 | 23 | 1.8 | 24.2 |
| Helmet Not Used | 2,153 | 51.2 | 64 | 3.04 | 67.4 |
| Helmet Usage Unk | 770 | 18.3 | 8 | 1.0 | 8.4 |
| Total Tested | 4,205 | 100.0 | 95 | --- | 100.0 |

## Total Accidents Involving Motorcycles

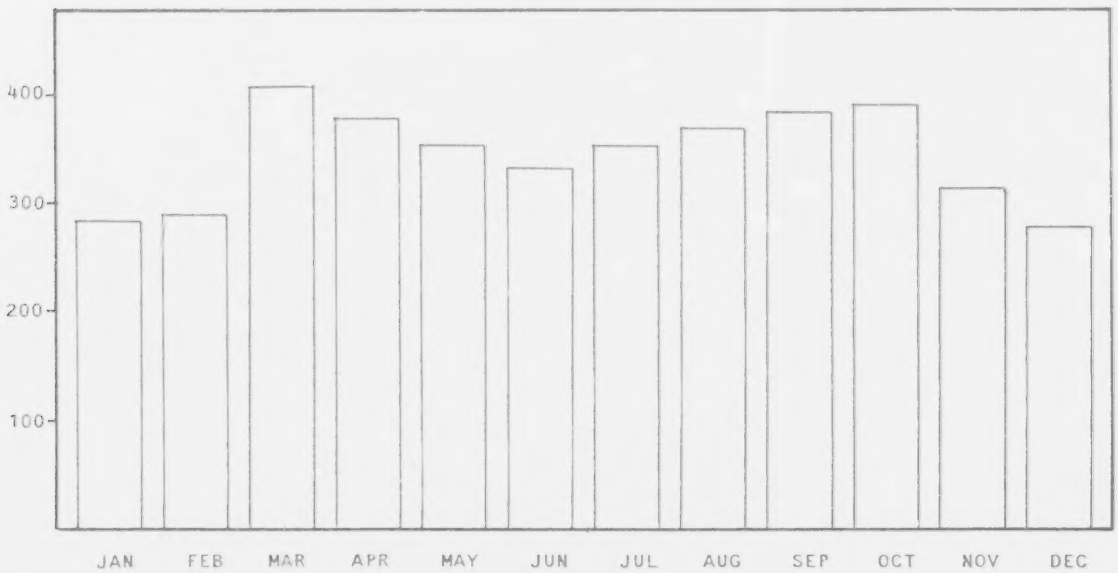
### TIME OF DAY




### DAY OF WEEK




### MONTHLY



# Motorcycle Drivers Involved in Accidents

| AGE OF DRIVER | Number of Drivers | Percent of Total | Number of Drivers in Fatal Accidents | Number of Drivers in Nonfatal Injury Accidents |
|---|---|---|---|---|
| 15 & Younger | 80 | 1.9 | 2 | 71 |
| 16 | 76 | 1.8 | 0 | 66 |
| 17 | 141 | 3.4 | 7 | 117 |
| 18-19 | 492 | 11.7 | 12 | 411 |
| 20-24 | 1,253 | 29.8 | 26 | 1,095 |
| 25-34 | 1,257 | 29.9 | 40 | 1,081 |
| 35-44 | 423 | 10.1 | 15 | 359 |
| 45-54 | 137 | 3.3 | 3 | 112 |
| 55-64 | 61 | 1.4 | 2 | 52 |
| 65-74 | 42 | 1.0 | 0 | 40 |
| 75 & Older | 12 | 0.2 | 1 | 11 |
| Not Stated | 231 | 5.5 | 2 | 121 |
| Totals | 4,205 | 100.0 | 110 | 3,536 |

| DRIVER DEFECTS | All Accidents | | Fatal Accidents | | Injury Accidents | |
|---|---|---|---|---|---|---|
| | Number of Cases | % (of Units) | Number of Cases | % (of Units) | Number of Cases | % (of Units) |
| Had Been Drinking | 537 | 12.9 | 46 | 41.8 | 462 | 13.1 |
| ILL, Ability Influenced | 9 | 0.2 | 0 | 0.0 | 9 | 0.3 |
| Other Bodily Defects | 3 | 0.1 | 0 | 0.0 | 2 | 0.1 |
| Influence of Narcotic Drugs | 12 | 0.3 | 2 | 2.1 | 9 | 0.3 |
| Sleepy, Fatigued | 25 | 0.6 | 0 | 0.0 | 24 | 0.7 |
| No Apparent Defects | 3,219 | 77.2 | 36 | 32.7 | 2,753 | 77.9 |
| Not Reported | 423 | 9.3 | 29 | 26.4 | 296 | 8.4 |
| Total Defects | 4,228 | ** | 113 | ** | 3,555 | ** |
| Number of Units | 4,205 | | 110 | | 3,536 | |

** Totals more than 100% because of multiple errors

| SEX OF DRIVER | Number of Drivers | Number of Drivers in Fatal Accidents | Number of Drivers in Nonfatal Injury Accidents |
|---|---|---|---|
| Male | 3,961 | 107 | 3,325 |
| Female | 215 | 3 | 190 |
| Not Reported | 89 | 0 | 21 |
| Totals | 4,205 | 110 | 3,536 |

| ACCIDENT TYPE | Total | Fatal | Non-Fatal Injury | Property Damage |
|---|---|---|---|---|
| Overturning | 16 | 0 | 15 | 1 |
| Other Non-collision | 852 | 11 | 768 | 73 |
| Pedestrian | 41 | 3 | 38 | 0 |
| Motor Vehicle in Transport | 2,601 | 62 | 2,144 | 395 |
| Motor Vehicle on Other Rdwy | 0 | 0 | 0 | 0 |
| Parked Motor Vehicle | 70 | 2 | 42 | 26 |
| Railway Train | 2 | 0 | 2 | 0 |
| Pedalcyclist | 20 | 0 | 20 | 0 |
| Animal | 52 | 0 | 41 | 11 |
| Fixed Object | 483 | 29 | 406 | 48 |
| Other Object | 20 | 0 | 17 | 3 |
| Totals | 4,157 | 107 | 3,493 | 557 |

Arizona Department of Transportation
Traffic Records Unit
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Phoenix, AZ 85007-3276

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